

1984 edition

**Petersen's**  
**BIG BOOK OF**  
**AUTO**  
**REPAIR**

723.2839

748 8489



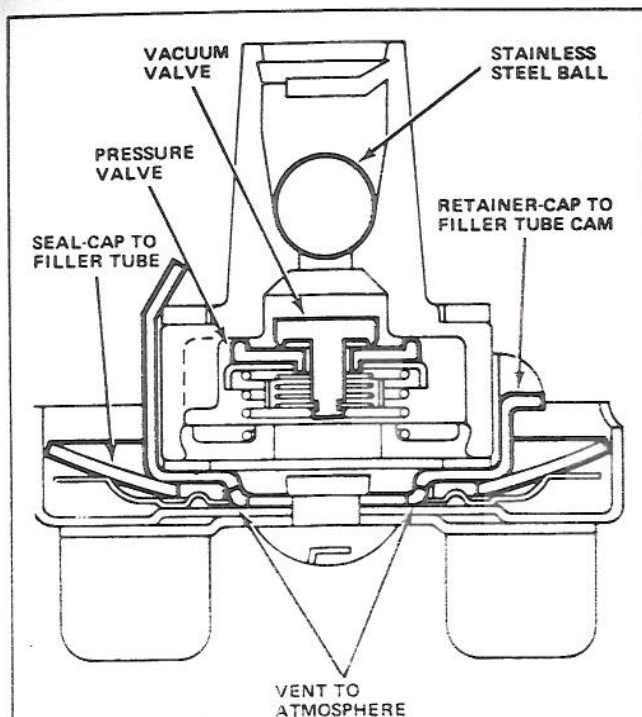


FIG. 5-9 AMC FILLER-CAP CHECK VALVE

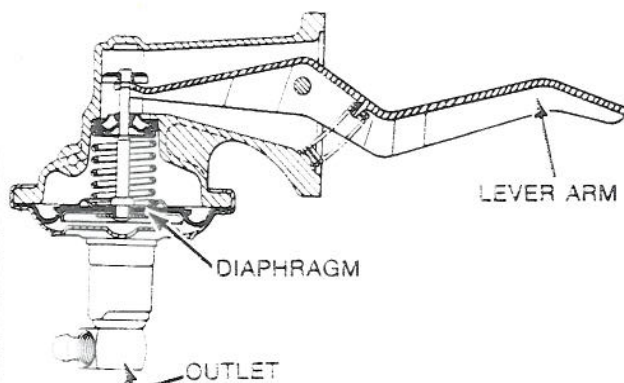


FIG. 5-10 TYPICAL FUEL PUMP CUTAWAY

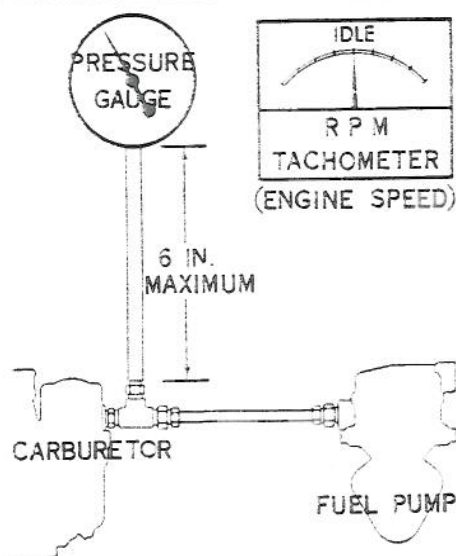


FIG. 5-11 FUEL PUMP PRESSURE TEST

### FUEL PUMP PRESSURE TEST (Fig. 5-11)

1. Insert a "T" fitting in fuel line at the carburetor.
2. Connect a fuel pump tester gauge to the "T" fitting, using a piece of hose no longer than 6 ins. to prevent an inaccurate reading caused by the weight of fuel collected in the hose.
3. Vent the pump by operating the engine at idle and momentarily disconnecting the fuel line from the "T" to relieve air trapped in the fuel chamber. If this is not done, the pump cannot operate at full capacity and the resulting pressure reading will be inaccurate.
4. Connect a tachometer, then start the engine and run at idle.
5. Read the pressure gauge and compare the reading to specifications.
6. Shut off the engine. A bleed-back feature in the pump will cause the pressure reading to drop to zero immediately.

### FUEL PUMP DIAGNOSIS

#### CONDITION CORRECTION

##### PUMP LEAKS FUEL

- |  |                            |
|--|----------------------------|
| (a) Diaphragm is worn, ruptured or torn. | (a) Replace pump.          |
| (b) Diaphragm mounting plates are loose. | (b) Replace pump.          |
| (c) Loose inlet or outlet line fittings. | (c) Tighten line fittings. |

##### PUMP LEAKS OIL

- |   |                                      |
|---|--------------------------------------|
| (a) Cracked or deteriorated pushrod oil seal. | (a) Replace pump.                    |
| (b) Rocker arm pivot pin is loose.            | (b) Replace pump.                    |
| (c) Pump mounting bolts loose.                | (c) Tighten mounting bolts securely. |
| (d) Pump to block gasket is defective.        | (d) Install new gasket.              |

##### INSUFFICIENT FUEL DELIVERY

- |   |   |
|---|---|
| (a) Vent in tank is restricted.             | (a) Unplug vent and inspect tank for leaks.                         |
| (b) Leaks in fuel line or fittings.         | (b) Tighten line fittings.  |
| (c) Dirt or other restriction in fuel tank. | (c) Replace fuel filter and clean out tank.                         |
| (d) Diaphragm is worn, ruptured or torn.    | (d) Replace pump.   |
| (e) Gas lines frozen.                       | (e) Thaw lines and drain tank.                                      |
| (f) Improperly seating valves.              | (f) Replace pump.   |
| (g) Pump pushrod worn.                      | (g) Replace pushrod.  |
| (h) Vapor lock.                             | (h) Install a heat shield wherever lines or pump come near exhaust. |
| (i) Low pressure.                           | (i) Replace pump.   |
| (j) Dirty or restricted fuel filter.        | (j) Replace filter.   |

##### NOISY FUEL PUMP

- |                                       |   |
|---------------------------------------|---|
| (a) Mounting bolts are loose.         | (a) Tighten mounting bolts securely.                    |
| (b) Rocker arm scored or worn.        | (b) Replace pump.                                       |
| (c) Rocker arm spring weak or broken. | (c) Replace spring.                                     |
| (d) Stiff inlet hose.                 | (d) Install new hose about 3 ins. longer than old hose. |



## FUEL SYSTEM DIAGNOSIS

CONDITION	CORRECTION	CONDITION	CORRECTION
<b>ENGINE CRANKS BUT WILL NOT START</b>		<b>ENGINE STARTS HARD WHEN HOT</b>	
(a) Choke valve does not close sufficiently when cold.	(a) Adjust the choke thermostatic coil.	(a) Choke valve does not open completely.	(a) As choke valve and/or linkage binds, clean or replace as required. Also check and adjust choke thermostatic coil.
(b) Choke valve or linkage binds or sticks.	(b) Realign or replace the choke valve or linkage as required. Clean but do not oil.	(b) No fuel in carburetor.	(b) Check fuel pump for proper operation and replace if necessary. Check and adjust float level.
(c) No fuel in carburetor.	(c) Disconnect fuel line at tank and blow out with compressed air. Reconnect and check for proper operation. If not, replace fuel pump. Fuel filter may be plugged or carburetor float may require adjustment.	(c) Gasket between air horn and float bowl leaks.	(c) Torque air horn to float bowl to specs.
(d) Engine is flooded.	(d) Adjust throttle linkage and unloader if choke valve is not opening. If unloader works properly, disassemble and clean carburetor to remove dirt in carburetor float needle and seat. If engine still floods, check float for bent arm.	(d) Carburetor loose on manifold.	(d) Tighten carburetor-to-manifold bolts to specs.
<b>ENGINE HESITATES ON ACCELERATION</b>		(e) Air valve sticks open.	(e) Free-up air valve shaft and align air valves. Check air valve spring for closing tension and replace if defective.
(a) Accelerator pump system defective.	(a) Remove air horn and check pump cup. If cracked, scored or distorted, replace pump plunger. Check discharge ball for proper seating and location.	(f) Secondary throttle valve lockout.	(f) Free-up and check for proper operation if binding, then adjust secondary throttle valve lockout.
(b) Dirt in pump passages or pump jet.	(b) Clean and blow out with compressed air.	<b>NO POWER—HEAVY ACCELERATION OR HIGH SPEED</b>	
(c) Float level incorrect.	(c) Check and reset float level to specs. Make sure float needle is not sticking.	(a) Carburetor throttle valve not opening completely.	(a) Adjust linkage
(d) Insufficient fuel in carburetor	(d) Disconnect fuel line at tank and blow out with compressed air. Reconnect and check for proper operation. If not, replace fuel pump. Fuel filter may be plugged or carburetor float may need adjustment.	(b) Dirty or plugged fuel filters.	(b) Clean or replace filters.
(e) Carburetor flooding.	(e) Check fuel filters and replace if necessary. If carburetor continues to flood, remove air horn and check float needle and seat for proper seal. If needle set leaks, replace.	(c) Secondary throttle valves do not unlock once engine has warmed up.	(c) Free-up and adjust lockout.
<b>ENGINE IDLES ROUGH AND STALLS</b>		(d) Air valves bind, or are stuck open or closed.	(d) Free-up air valve shaft and align air valves. Check air valve spring for closing tension and replace if defective.
(a) Manifold vacuum hoses disconnected, improperly installed or leak.	(a) Check all vacuum hoses. Install or replace as required.	(e) Power system inoperative.	(e) Remove air horn and clean piston and cavity of dirt. Check power piston spring for distortion.
(b) Carburetor loose on intake manifold.	(b) Tighten carburetor-to-manifold bolts to specs.	(f) Float level too low.	(f) Check and reset float level to specs.
(c) Dirt in idle channels.	(c) Clean fuel system and carburetor.	(g) Float does not drop far enough in bowl.	(g) Check for bind in float hanger and arm; check float alignment in bowl.
(d) Secondary throttle valve out of alignment.	(d) Loosen screws, align valves and tighten screws.	<b>ENGINE SURGES OR RUNS UNEVEN</b>	
(e) Defective intake manifold gasket.	(e) Replace manifold gasket.	(a) Fuel restriction.	(a) Check hoses and fuel lines for bends or leaks. Check fuel filter and replace if dirty or plugged.
		(b) Dirt or water in fuel.	(b) Clean fuel tank, lines and filters. Remove and clean carburetor.
		(c) Float level incorrect.	(c) Check for free float and float needle valve operation, and adjust.
		(d) Main metering jets or metering rods are dirty, plugged or bent.	(d) Completely disassemble carburetor and clean. Replace bent rods.
		(e) Power system inoperative.	(e) Remove air horn and clean piston and cavity of dirt. Check power piston spring for distortion.
		(f) Vacuum leakage.	(f) Tighten all hose connections. Torque carburetor to manifold to specs. Replace gasket if defective.



**1980 ENGINES**

Tamper-resistant carburetors used with electronic feedback control systems preclude idle speed/mixture adjustments.

**CARBURETOR OVERHAUL**

The only positive approach to cleaning a carburetor is an overhaul—a complete disassembly, replacement of worn and/or defective parts, and reassembly/readjustment. You may be able to operate the carburetor temporarily by running one of the numerous carburetor cleaning agents on the market through the system, but sooner or later, it is going to have to come off the engine for a thorough cleaning.

Carburetor repair kits come in three types—a gasket kit, a light repair kit and an overhaul kit. The light repair kit is usually the best choice for all but the most troublesome carburetor. To order the correct kit, you must know the model number/part number of the carburetor. This is located on a small metal tag attached to the carburetor by one of the air horn screws (Fig. 5-76) or stamped on the carburetor body. Particular attention should be paid to replacing the tag when reassembling the carburetor. If it is lost, it is virtually impossible to order the correct kit in many instances.

Carburetor disassembly is a matter of good judgment. If all you plan to do is to remove the air horn and replace a leaking gasket, it is more practical to leave the unit on the engine. Solenoids and dashpots should come off if you are going to clean the main body, because immersing these in carburetor cleaner will ruin them.

A good carburetor cleaning solvent will virtually eat dirt and grease from the carburetor when it is fresh. *Never* put your hands in it, and *do not* let it splash in your eyes. If you do not have a small mesh basket handy for lowering the parts into the solution container, use a small tea strainer available in most department stores. Use this to hold the small parts and hook a metal clothes hanger around the main body and air horn. This will allow you to immerse the parts without the cleaner affecting your skin.

Let the parts stay in the cleaning solution long enough to clean them thoroughly; this can vary from a few minutes to a few hours, depending upon the strength and freshness of the cleaner, and the degree of gum and dirt adhered to the carburetor parts. The cleaning is completed when the parts appear bright and clean-looking. Let them drain, then immerse them once more in a container of fresh, clean solvent. After giving this second solution an opportunity to work its way into all the passages, remove the parts one by one, and blow dry with compressed air.

Before beginning reassembly, make sure you have the specification sheet to make the necessary adjustments as you go. This will accompany the repair or overhaul kit, but the specifications provided at the end of this chapter will enable you to complete the job.

On the following pages, you will find exploded drawings of 15 of the most frequently used carburetor types and photographic overhaul sequences showing exactly how the job is done on 10 of the most popular carburetors—Rochester, Carter and Motorcraft models. Between the exploded drawings and the how-to sequences, you should be able to overhaul any carburetor used during 1970-79 with a minimum of difficulty, as long as you work slowly, do not force components during reassembly and take care not to lose or overlook any parts.

**NOTE OF CAUTION**

While all versions of a particular carburetor model (Quadrajet, Thermo-Quad, Monojet, etc.) are essentially the same, there are a large number of individual variations according to year and application. Since all auto manufacturers constantly revise the calibration of the carburetors used from one model year to another, the procedures which follow are to be regarded as representative of the overhaul procedures to follow—not all will contain the same components in the same sequence, or operate exactly the same. To prevent improper functioning when overhauling your carburetor, do not hesitate to check with a dealership or independent carburetor rebuilder should you encounter differences from those shown in our pictorial how-to sequences.



# AMERICAN MOTORS

Year	Carb. Model	Carb. Number	By Float Setting (In.)	Pump Setting (In.)	Fast Idle Cam Adj.	Air Valve Link (Inch. Setting Degs.)	Vacuum Break	Unloader (Inch.)	Choke Setting (Notches)	Power Valve Timing (In. Hg.)	Secondary Lockout	External Bank Valve Open/Closed
1977	Carter	7151	.476	1 3/8	—	120-401/—	.035	.028	275	1NR	1	—
		7152	.476	1 3/8	—	120-401/—	.032	.024	275	1NR	1	—
		7153	.476	1 3/8	—	120-401/—	.035	.028	275	Index	1	—
		7195	.476	1 3/8	—	120-401/—	.031	.028	275	1NR	1	—
		7223	.476	1 3/8	—	120-401/—	.033	.028	275	Index	1	—
		7111	.476	1 3/8	—	120-398/—	.033	.022	275	2NR	1	—
		7189	.476	1 3/8	—	120-398/—	.034	.022	275	1NR	1	—
		8103	.250	—	—	120-389/—	.0295	.033	280	1NR	—	—
		8104	.250	—	—	120-389/—	.0295	.033	280	1NR	—	—
		8117	.250	—	—	120-392/—	.031	.033	280	1NR	—	—
	Motorcraft	2100	7RA2	3	—	47/—	.031	.024	250	1NR	—	—
		2100	7RA2C	3	—	47/—	.031	.024	250	1NR	—	—
		2100	7DA2	3	—	47/—	.032	.024	250	Index	—	—
		2150	7RA2A	3	—	48/—	.028	.028	250	1NR	—	—
	Holley	5210	7711	.42	—	239/183	.022	—	300	1NR	4	—
		5210	7712	.42	—	247/183	.022	—	300	1NR	4	—
		5210	7799	.42	—	235/171	.022	—	300	Index	4	—
		5210	7846	.42	—	NA/NA	.028	—	300	1NR	4	—
1978	Carter	7201	.476	1 3/8	—	120-401/—	.034	.028	275	Index	3rd Step	—
		7228	.476	1 3/8	—	120-401/—	.034	.028	275	1NR	3rd Step	—
		7229	.476	1 3/8	—	120-401/—	.032	.024	275	1NR	3rd Step	—
		7235	.476	1 3/8	—	120-401/—	.034	.028	275	Index	3rd Step	—
		7267	.476	1 3/8	—	120-401/—	.032	.028	275	1NR	3rd Step	—
		7232	.476	1 3/8	—	120-398/—	.033	.022	275	2NR	3rd Step	—
		7233	.476	1 3/8	—	120-398/—	.034	.022	275	1NR	3rd Step	—
		8128	.250	—	—	120-389/—	.0295	.033	280	Index	2nd Step	—
		8129	.250	—	—	120-389/—	.0295	.033	280	1NR	2nd Step	—
	Motorcraft	2100	8DA2	.555	—	47/—	.032	.024	250	Index	—	—
		2100	8RA2	.555	—	47/—	.031	.024	250	1NR	—	—
		2100	8RA2C	.555	—	48/—	.029	.024	250	1NR	—	—
		2150	8DA2A	.555	—	48/—	.029	.024	170	2NR	—	—
	Holley	5210	8163	.42	—	239/183	.022	—	300	1NR	—	—
		5210	8164	.42	—	247/183	.022	—	300	1NR	—	—
		5210	8165	.42	—	235/171	.022	—	300	Index	—	—
1979	Carter	7228	.476	1 3/8	—	120-401/—	.034	.028	275	1NR	3rd Step	—
		7229	.476	1 3/8	—	120-401/—	.032	.024	275	1NR	3rd Step	—
		8185	.250	—	—	120-389/—	.0295	.033	280	1NR	2nd Step	—
		8186	.250	—	—	120-389/—	.0295	.033	280	1NR	2nd Step	—
		8187	.250	—	—	120-389/—	.0295	.033	280	1NR	2nd Step	—
		8221	.250	—	—	120-389/—	.0295	.033	280	1NR	2nd Step	—
	Motorcraft	2100	9DA2	.313	—	45/—	.032	.024	300	1NR	120	—
		5210	8548	.42	—	243/179	.022	—	300	1NR	—	—
		5210	8549	.42	—	239/183	.022	—	300	1NR	—	—
		5210	8675	.42	—	235/191	.028	—	300	Index	—	—
1980	Rockstar	17080681	3/16	17/32	.096	2	110	195	5	1-5	050-080	—
		17080683	3/16	1/2	.096	2	110	195	5	1-5	050-080	—
		17080686	3/16	1/2	.096	2	110	195	5	1-5	050-080	—
		17080688	3/16	1/2	.096	2	110	195	5	1-5	050-080	—
		17080781	7/32	1/2	.096	2	110	195	5	N/A	050-080	—
		17080782	7/32	1/2	.096	2	110	195	5	N/A	085	—
	Carter	8216	1/4	.52	.090	—	—	280	2R	—	—	2nd Step
		8246	1/4	.52	.095	—	—	280	2R	—	—	2nd Step
		8247	1/4	.52	.095	—	—	280	1R	—	—	2nd Step
		8248	1/4	.52	.095	—	—	280	1R	—	—	2nd Step
		8253	1/4	.47	.095	—	—	280	2R	—	—	2nd Step
		8256	1/4	.47	.093	—	—	280	2R	—	—	2nd Step
		8278	1/4	.54	.093	—	—	280	Index	—	—	2nd Step
		8313	1/4	.52	.095	—	—	280	1R	—	—	2nd Step
	BBD	8316	1/4	.52	—	—	—	—	—	—	—	2R
		8346	1/4	.52	—	—	—	—	—	—	—	2R
		8347	1/4	.52	—	—	—	—	—	—	—	1R
		8348	1/4	.52	—	—	—	—	—	—	—	1R
1981	ROCKSTER	17081790	7/32	1/2	25	1	19/—	34	5	—	—	5
		17081791	7/32	1/2	25	1	19/—	34	5	—	—	5
		17081792	7/32	1/2	25	1	19/—	32	5	—	—	5
		17081793	7/32	1/2	25	1	19/—	32	5	—	—	5
		17081794	7/32	1/2	25	1	19/—	24	5	—	—	5
		17081795	7/32	1/2	25	1	19/—	34	5	—	—	5
		17081799	7/32	1/2	25	1	19/—	34	5	—	—	5
		17081796	7/32	5	25	1	19/—	34	5	—	—	5
		17081797	7/32	5	25	1	19/—	34	5	—	—	5
	CARITER	8316	1/4	.52	—	—	—	—	—	—	—	2R
		8346	1/4	.52	—	—	—	—	—	—	—	2R
		8347	1/4	.52	—	—	—	—	—	—	—	1R
		8348	1/4	.52	—	—	—	—	—	—	—	1R

Pressure operated.

Thermostatic bleed; .024-in.

.25/.06-in. from machined surface to a point on float 4-in. from tip. Needle seated.

Vacuum operated.

Stemper-resistant.



# AMERICAN MOTORS

Year	Carb. Model	Carb. Number	Floot Level (Ins.)	Pump Setting (Ins.)	Choke Rod Cam Adj. (Deg.)	Air Valve Rod (Deg.)	Vacuum Break Pst./Sec. (Deg.)	Choke Unloader (Deg.)	Choke Setting (Notches)
1962	Rockster								
	ZSE	17082380	.125	.120	18	2	21/-	34	5
	ZSE	17082383	.256	.120	18	2	21/-	34	5
	ZSE	17082385	.256	.120	18	2	21/-	34	5
	EZSE	17082386	.125	.120	18	2	21/-	34	5
	EZSE	17082387	.125	.120	18	2	21/-	34	5
	EZSE	17082388	.125	.120	18	2	21/-	34	5
	EZSE	17082389	.125	.120	18	2	21/-	34	5
	Carter								
	880	8338	.250	.520	-	-	+	6	1R
	880	8338	.250	.520	-	-	+	6	1R

6.200 in.

# BUICK

Year	Carb. Model	Trans.	Carb. Number	Floot Level (Ins.)	Floot Drop (Ins.)	Accel. Pump Rod (Ins.)	Choke Rod (Ins.)	Vacuum Break (Ins.)	Choke Unloader (Ins.)	Choke Setting	Idle Vent (Ins.)	Air Valve Spring (Ins.)	Air Valve Dash Pot (Ins.)	Fast Idle Speed (rpm)
1968	ROCHESTER													
	MV	Auto.	7029014	9/32	-	-	.150	.245	.350	-	-	-	-	520 2
	MV	Man.	7029015	9/32	-	-	.150	.275	.350	-	-	-	-	520 2
	MV	Man.	7029017	9/32	-	-	.150	.275	.350	-	-	-	-	520 2
	MV	Man.	7029047	5/16	-	-	.190	.275	.325	-	-	-	-	520 2
	2GV	Auto.	7029140	15/32	1 9/32	1 11/32	.050	.120	.140	-	.025	-	-	570 2
	2GV	Man.	7029141	15/32	1 9/32	1 11/32	.050	.120	.140	-	.025	-	-	720 2
	4MV	Auto.	7029240	7/16	-	13/32	.130	.180	.325	-	1/2	-	.030	570 2
	4MV	Auto.	7029242	3/8	-	9/32	.130	.180	.325	-	1/2	-	.030	570 2
	4MV	Auto.	7029244	5/16	-	13/32	.130	.200	.325	-	1/2	-	.030	570 2
	4MV	Man.	7029243	7/16	-	13/32	.140	.215	.325	-	1/2	-	.030	720 2
	4MV	Man.	7029245	5/16	-	13/32	.140	.215	.325	-	1/2	-	.030	720 2
	4MV	Auto.	7029248	5/16	-	9/32	.130	.200	.325	-	7/16	-	.030	570 2
	4MV	Auto.	7029248	5/16	-	9/32	.130	.200	.325	-	7/16	-	.030	570 2
1969	ROCHESTER													
	MV	Auto.	7029014	1/4	-	-	.170	.245	.350	-	.050	-	-	620 2
	MV	Man.	7029047	9/32	-	-	.190	.275	.350	-	.020	-	-	720 2
	2GV	Auto.	7029140	15/32	1 7/32	1 11/32	.050	-	.140	-	.020	-	-	620 2
	2GV	Man.	7029141	15/32	1 7/32	1 11/32	.050	-	.140	-	.020	-	-	720 2
	4MV	Man.	7029240	3/8	-	13/32	.130	.180	.325	-	1/2	-	.030	720 2
	4MV	Man.	7029243	3/8	-	13/32	.140	.215	.325	-	1/2	-	.030	720 2
	4MV	Man.	7029245	5/16	-	13/32	.130	.215	.325	-	1/2	-	.030	720 2
	4MV	Auto.	7029241	5/16	-	13/32	.130	.180	.325	-	1/2	-	.030	720 2
	4MV	Auto.	7029242	3/8	-	13/32	.130	.180	.325	-	1/2	-	.030	620 2
	4MV	Auto.	7029244	3/8	-	13/32	.130	.190	.325	-	1/2	-	.030	620 2

1 Correct when slow idle is set.

2 Hot engine on low step of fast idle cam.

3 Primary and secondary.

Year	Carb. Model	Trans.	Carb. Number	Floot Level (Ins.)	Floot Drop (Ins.)	Accel. Pump Rod (Ins.)	Choke Rod (Ins.)	Vacuum Break (Ins.)	Choke Unloader (Ins.)	Mass Jet Pst./Sec.	Air Valve Spring (Ins.)	Air Valve Dash Pot (Ins.)	Fast Idle Speed (rpm)
1970	ROCHESTER												
	MV	Manual	7040015	1/4	-	-	.200	.275/-	.350	.106/-	-	-	900
	MV	Automatic	7040014	1/4	-	-	.170	.245/-	.350	.106/-	-	-	650
	2GV	Manual	7040143	15/32	1 7/8	1 15/32	.100	.190/-	.200	.061/-	-	-	7007
	2GV	Automatic	7040142	15/32	1 7/8	1 13/32	.080	.150/140	.180	.060/-	-	-	6007
	2GV	Automatic	7040446	15/32	1 7/8	1 13/32	.080	.150/140	.180	.059/-	-	-	6007
	4MV	Manual	7040245	5/16	-	13/32	.130	.215/-	.335	.073/-	1/2 turn	.030	7207
	4MV	Automatic	7040244	5/16	-	13/32	.130	.170/150	.335	.069/-	1/2 turn	.030	6507
	4MV	Manual	7040243	3/8	-	9/32	.130	.215/195	.335	.067/-	1/2 turn	.030	7207
	4MV	Automatic	7040240	3/8	-	9/32	.130	.180/160	.335	.067/-	1/2 turn	.030	6507
	4MV	Stage 1	7040246	5/16	-	9/32	.130	.200/180	.335	.068/-	1/2 turn	.030	6507
	4MV	Rover	7040247	3/8	-	9/32	.130	.160/160	.325	.067/-	1/2 turn	.030	6507
	4MV	Manual	7041017	1/4	-	-	.180	.225/-	.350	.106/-	-	.050	5507
	4MV	Automatic	7041014	1/4	-	-	.160	.225/-	.500	.106/-	-	.050	5007
1971	ROCHESTER												
	2GV	Manual	7040143	15/32	1 7/8	1 15/32	.080	.160/140	.180	.060/-	-	-	8007
	2GV	Automatic	7041142	15/32	1 7/8	1 15/32	.080	.150/140	.180	.059/-	-	-	6001
	2GV	Automatic	7041442	15/32	1 7/8	1 15/32	.080	.150/140	.180	.059/-	-	-	6001
	4MV	Manual	7041245	15/32	-	9/32	.130	.170/150	.335	.069/-	1/2 turn	.030	8201
	4MV	Automatic	7041544	15/32	-	9/32	.130	.170/150	.335	.068/-	1/2 turn	.030	6501
	4MV	Manual	7041243	13/32	-	1/4	.130	.215/195	.335	.073/-	1/2 turn	.030	7201
	4MV	Automatic	7041540	3/8	-	1/4	.130	.180/160	.335	.073/-	1/2 turn	.030	6501
	4MV	Stage 1	7041242	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	6501
	4MV	Manual	7041017	1/4	-	-	.180	.225/-	.350	.106/-	-	-	5501
	4MV	Automatic	7041014	1/4	-	-	.160	.225/-	.500	.106/-	-	-	5501
	2GV	Manual	7079143	15/32	1 7/8	1 15/32	.080	.160/140	.180	.060/-	-	-	8001
	2GV	Automatic	7042142	15/32	1 7/8	1 15/32	.080	.150/140	.180	.059/-	-	-	6501
	2GV	Automatic	7042842	15/32	1 7/8	1 15/32	.080	.150/140	.180	.059/-	-	-	6501
1972	ROCHESTER												
	4MV	Manual	7042245	15/32	-	9/32	.130	.170/150	.335	.069/-	1/2 turn	.030	8201
	4MV	Automatic	7042944	15/32	-	9/32	.130	.170/150	.335	.068/-	1/2 turn	.030	7001
	4MV	Automatic	7042244	15/32	-	9/32	.130	.170/150	.335	.068/-	1/2 turn	.030	7001
	4MV	Manual	7042243	13/32	-	1/4	.130	.215/195	.335	.073/-	1/2 turn	.030	9201
	4MV	Automatic	7042940	3/8	-	1/4	.130	.180/160	.335	.073/-	1/2 turn	.030	7001
	4MV	Automatic	7042240	3/8	-	1/4	.130	.180/160	.335	.075/-	1/2 turn	.030	7001
	4MV	Stage 1	7042942	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	9201
	4MV	Automatic	7042242	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	7001
	4MV	Automatic	7042242	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	7001
	4MV	Automatic	7042242	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	7001
	4MV	Automatic	7042242	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	7001
	4MV	Automatic	7042242	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	7001
	4MV	Automatic	7042242	3/8	-	1/4	.130	.200/160	.335	.075/-	1/2 turn	.030	7001



# BUICK

Year	Carb. Model	Carb. Number	Floet Level (Ins.)	Floet Drop (Ins.)	Pump Rod (Ins.)	Choke Rod (Ins.)	Choke Lever (Ins.)	Choke Cover/Rod Setting	Choke Unloader (Ins.)	Air Valve Rod (Ins.)	Air Valve Spring (Turns)	Vacuum Break Pvl.(Front/Sec. (Rear))	Secondary Opening/Closing (Ins.)	Secondary Lockout (Ins.)
	1848B	17080271	15/32	---	3/8	.110	.120	TR	203	.025	5/8	.142/.211	1/.020	.015
	1848B	17080272	15/32	---	3/8	.075	.120	TR	203	.025	5/8	.129/.175	1/.020	.015
	E4ME	17080502	1/2	---	TR	.110	.120	TR	243	.025	7/8	.136/.179	1/.020	.015
	E4ME	17080504	1/2	---	TR	.110	.120	TR	243	.025	7/8	.136/.179	1/.020	.015
	E4ME	17080540	3/8	---	TR	.075	.120	TR	243	.025	9/16	.103/.129	1/.020	.015
	E4ME	17080542	3/8	---	TR	.075	.120	TR	243	.025	9/16	.103/.066	1/.020	.015
	E4ME	17080543	3/8	---	TR	.075	.120	TR	243	.025	9/16	.103/.129	1/.020	.015
	E4ME	17080553	15/32	---	9/32	.090	.120	TR	220	.025	1/2	.142/.220	1/.020	.015
	E4ME	17080554	15/32	---	9/32	.090	.120	TR	220	.025	1/2	.142/.211	1/.020	.015

1.Center of slot.  
2.160 after 22,500 miles.  
3.240 after 22,500 miles.

4.245 after 22,500 miles.  
5.260 after 22,500 miles.  
6.275 after 22,500 miles.

7/16 Drive, low step of cam.  
8TR-TAMPER RESISTANT, FACTORY SET AND SEALED.

Year	Carb. Model	Carb. Number	Floet Level (Ins.)	Floet Drop (Ins.)	Pump Rod (Ins.)	Choke Rod (Ins. or Deg.)	Choke Lever (Ins.)	Choke Cover/Rod Setting	Choke Unloader (Ins. or Deg.)	Air Valve Rod (Ins.)	Air Valve Spring (Turns)	Vacuum Break (Ins. or Deg.) Pvl.(Front) Sec. (Rear)	Secondary Opening/Closing (Ins.)	Secondary Lockout (Ins.)
1981	ROCHESTER													
	M2ME	17080187	9/32	---	1/4	24.5°	---	---	38°	---	---	19/14	---	---
	E2ME	17080491	5/16	---	TR	24.5°	---	---	38°	---	---	21/35	---	---
	E2ME	17080496	5/16	---	TR	24.5°	---	---	38°	---	---	21/33	---	---
	E2ME	17080498	5/16	---	TR	24.5°	---	---	38°	---	---	21/33	---	---
	M2ME	17080185	9/32	---	1/4	24.5°	---	---	38°	---	---	19/14	---	---
	E2ME	17081191	5/16	---	TR	24.5°	---	---	38°	---	---	28/24	---	---
	E2ME	17081192	3/8	---	TR	1.8°	---	---	38°	---	---	28/24	---	---
	E2ME	17081194	5/16	---	TR	24.5°	---	---	38°	---	---	21/20	---	---
	E2ME	17081196	5/16	---	TR	24.5°	---	---	38°	---	---	28/24	---	---
	E2ME	17081197	3/8	---	TR	1.8°	---	---	38°	---	---	28/24	---	---
	E2ME	17081198	3/8	---	TR	24.5°	---	---	38°	---	---	28/24	---	---
	E2ME	17081199	3/8	---	TR	1.8°	---	---	38°	---	---	28/24	---	---
	E4ME	17081242	5/16	---	TR	24.5°	---	---	38°	---	---	17/15	---	---
	E4ME	17081243	1/4	---	TR	24.5°	---	---	38°	---	---	17/17	---	---
	E4ME	17081245	3/8	---	TR	24.5°	---	---	38°	---	---	28/24	---	---
	E4ME	17081247	3/8	---	TR	24.5°	---	---	38°	---	---	28/24	---	---
	E4ME	17081248	3/8	---	TR	24.5°	---	---	38°	---	---	28/24	---	---
	E4ME	17081249	3/8	---	TR	24.5°	---	---	38°	---	---	28/24	---	---
	E4ME	17081289	13/32	---	TR	24.5°	---	---	38°	---	---	28/24	---	---

1982	ROCHESTER													
	E2SE	17081600	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17081601	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17081606	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17081607	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17081609	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17082196	5/16	---	---	18	---	TR	27	10	1	21/19	---	---
	E2SE	17082316	1/4	---	---	17	---	TR	35	10	1	26/34	---	---
	E2SE	17082317	1/4	---	---	17	---	TR	35	10	1	29/35	---	---
	E2SE	17082320	1/4	---	---	25	---	TR	35	10	1	30/35	---	---
	E2SE	17082321	1/4	---	---	25	---	TR	35	10	1	29/35	---	---
	E2SE	17082640	1/4	---	---	17	---	TR	35	10	1	26/34	---	---
	E2SE	17082641	1/4	---	---	17	---	TR	35	10	1	29/35	---	---
	E2SE	17082642	1/4	---	---	25	---	TR	33	10	1	30/35	---	---
	E2SE	17082300	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17082301	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17082303	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17082304	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17082305	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17082630	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2SE	17082631	5/16	---	---	18	---	TR	35	1	1/2	20/27	---	---
	E2ME	17082130	3/8	---	---	20	---	TR	38	---	---	27/---	---	---
	E2ME	17082132	3/8	---	---	20	---	TR	38	---	---	27/---	---	---
	E2ME	17082138	3/8	---	---	20	---	TR	38	---	---	27/---	---	---
	E2ME	17082140	3/8	---	---	20	---	TR	38	---	---	27/---	---	---
	E2ME	17082150	3/8	---	---	14	---	TR	35	---	---	24/38	---	---
	E2SE	17082182	5/16	---	---	18	---	TR	32	---	---	28/24	---	---
	E2ME	17082184	5/16	---	---	18	---	TR	32	---	---	28/24	---	---
	E2ME	17082185	5/16	---	---	18	---	TR	27	---	---	21/19	---	---
	E2ME	17082192	5/16	---	---	18	---	TR	32	---	---	28/24	---	---
	E2ME	17082194	5/16	---	---	18	---	TR	32	---	---	28/24	---	---

Year	Carb. Model	Carb. Number	Floet Level (Ins.)	Floet Drop (Ins.)	Pump Rod (Ins.)	Choke Rod (Ins. or Deg.)	Choke Lever (Deg.)	Choke Cover/Rod Setting	Choke Unloader (Deg.)	Air Valve Rod (Deg.)	Air Valve Spring (Turns)	Vacuum Break Pvl.(Front) Sec. (Rear)	Secondary Opening/Closing (Ins.)	Secondary Lockout (Ins.)
1982	E2ME	17082196	5/16	---	---	18	---	TR	27	---	---	21/19	---	---
	E4ME	17082202	11/32	---	---	20	---	TR	38	---	7/8	20/---	---	---
	E4ME	17082204	11/32	---	---	20	---	TR	38	---	7/8	20/---	---	---
	E4ME	17082244	7/16	---	---	24.5	---	TR	32	---	9/16	21/16	---	---
	E4ME	17082245	3/8	---	---	24.5	---	TR	32	---	5/8	26/26	---	---
	E4ME	17082246	3/8	---	---	24.5	---	TR	32	---	5/8	26/26	---	---
	E4ME	17082247	13/32	---	---	24.5	---	TR	38	---	5/8	28/24	---	---
	E4ME	17082248	13/32	---	---	24.5	---	TR	38	---	5/8	28/24	---	---
	E4ME	17082251	15/32	---	---	14	---	TR	35	---	1/2	25/45	---	---
	E4ME	17082253	15/32	---	---	14	---	TR	35	---	1/2	25/36	---	---
	E4ME	17082264	7/16	---	---	24.5	---	TR	32	---	9/16	21/16	---	---
	E4ME	17082265	3/8	---	---	24.5	---	TR	32	---	5/8	26/26	---	---
	E4ME	17082266	3/8	---	---	24.5	---	TR	32	---	5/8	26/26	---	---
	E4ME	17082267	3/8	---	---	24.5	---	TR	38	---	5/8	28/24	---	---
	E4ME	17082268	13/32	---	---	24.5	---	TR	38	---	5/8	28/24	---	---

1983	ROCHESTER													
	E2ME	17083190	5/16	---	TR	18	.1208	TR	32	---	---	28/24	---	---
	E2ME	17083192	5/16	---	TR	18	.1208	TR	32	---	---	28/24	---	---
	E2ME	17083193	5/16	---	TR	18	.1208	TR	27	---	---	24/28	---	---
	E2ME	17083194	5/16	---	TR	17	.1208	TR	35	---	---	27/25	---	---
	E2SE	17083356	13/32	---	TR	22	.085	TR	30	1	1	25/35	---	.025
	E2SE	17083357	13/32	---	TR	22	.085	TR	30	1	1	25/35	---	.025
	E2SE	17083358	13/32	---	TR	22	.085	TR	30	1	1	25/35	---	.025
	E2SE	17083359	13/32	---	TR	22	.085	TR	30	1	1	25/35	---	.025
	E2SE	17083360	13/32	---	TR	22	.085	TR	30	1	1	25/35	---	.025
	E2SE	17083370	1/8	---	TR	22	.085	TR	30	1	1	25/35	---	.025
	E2SE	17083400	1/4	---	TR	28	.085	TR	45	1	1	35/45	---	.025
	E2ME	17083451	1/4	---	TR	28	.085	TR	45	1	1	35/45	---	.025
	E2ME	17083452	1/4	---	TR	28	.085	TR	45	1	1	35/45	---	.025



Year	Carb. Model	Carb. Number	Floet Level (Ins.)	Floet Drag (Ins.)	Pump Rod (Ins.)	Choke Rod (Deg.)	Choke Lever (Ins.)	Choke Cover/Rod Setting	Choke Unloader (Deg.)	Air Valve Spring (Deg. or Ins.)	Air Valve Spring (Turns)	Air Valve Dash Pot (Ins.)	Secondary Opening/Closing (Ins.)	Vacuum Break (Ins.)	Fast Idle Speed (rpm)
E2SE	17083453	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083454	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083455	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083456	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083458	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083459	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083630	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083631	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083632	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083633	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083634	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083635	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E2SE	17083636	1/4	—	—	TR	28	.085	TR	45	1	1	35/45	—	—	.025
E4ME	17082265	3/8	—	—	TR	24.5	.120	TR	32	.025	5/8	26/26	—	—	.015
E4ME	17082266	3/8	—	—	TR	24.5	.120	TR	32	.025	5/8	26/26	—	—	.015
E4ME	17082267	3/8	—	—	TR	18	.120	TR	32	.025	5/8	26/26	—	—	.015
E4ME	17082268	3/8	—	—	TR	18	.120	TR	32	.025	5/8	26/26	—	—	.015
E4ME	17083242	9/32	—	—	TR	24.5	.120	TR	38	.025	9/16	20/—	—	—	.015
E4ME	17083244	1/4	—	—	TR	24.5	.120	TR	32	.025	9/16	21/16	—	—	.015
E4ME	17083248	3/8	—	—	TR	24.5	.120	TR	32	.025	5/8	26/26	—	—	.015
E4ME	17083250	7/16	—	—	TR	14	.120	TR	35	.025	1/2	27/42	—	—	.015
E4ME	17083253	7/16	—	—	TR	14	.120	TR	35	.025	1/2	27/41	—	—	.015
E4ME	17083553	7/16	—	—	TR	14	.120	TR	35	.025	1/2	27/41	—	—	.015

## CADILLAC

Year	Carb. Model	Carb. Number	Floet Level (Ins.)	Choke Rod (Ins.)	Choke Setting	Accel. Pump Rod (Ins.)	Choke Unloader (Ins.)	Air Valve Spring	Air Valve Lockout (Ins.)	Air Valve Dash Pot (Ins.)	Secondary Opening/Closing (Ins.)	Vacuum Break (Ins.)	Fast Idle Speed (rpm)
1966	ROCHESTER												
	4GC	7026030	1 7/16	1	040	Index	13/16	125	—	—	—	—	1700-1750
	4GC	7026031	1 7/16	1	040	Index	13/16	125	—	—	—	—	1700-1750
	CARTER												
	AFB	41685	3/8	—	Index	15/32	15/16	—	—	—	—	—	1700-1750
	AFB	41695	3/8	—	Index	15/32	15/16	—	—	—	—	—	1700-1750
	AFB	4170	1 3/8	—	1R	31/64	15/16	—	—	—	—	—	1700-1750
AFB	41715	3/8	—	Index	15/32	15/16	—	—	—	—	—	1700-1750	
1967	ROCHESTER												
	4MV	7027230	15/64	090	Center	11/32	300	1/4 turn	015	030	020	180	1700-1750
	4MV	7027231	15/64	090	Center	11/32	300	1/4 turn	015	030	020	180	1700-1750
	4MV	7027233	15/64	090	Center	11/32	300	1/4 turn	015	030	020	180	1700-1750
	4MV	7027234	11/32	090	Center	11/32	300	1/4 turn	015	030	020	180	1700-1750
	4MV	7027235	11/32	090	Center	11/32	300	1/4 turn	015	030	020	180	1700-1750
1968	ROCHESTER												
	4MV	7028230	1/4	090	Center	11/32	300	1/2 turn	030	030	020	185	1900-1950
	4MV	7028231	1/4	090	Center	11/32	300	1/2 turn	030	030	020	185	1900-1950
	4MV	7028234	11/32	090	Center	11/32	300	1/2 turn	030	030	020	185	1900-1950
	4MV	7028235	11/32	090	Center	11/32	300	1/2 turn	030	030	020	185	1900-1950
1969	ROCHESTER												
	4MV	7029030	1/4	090	Center	11/32	300	1/2 turn	030	030	020	230	1900-1950
	4MV	7029031	1/4	090	Center	11/32	300	1/2 turn	030	030	020	230	1900-1950
	4MV	7029032	3/8	090	Center	11/32	300	7/16 turn	030	030	020	230	1900-1950
	4MV	7029033	3/8	090	Center	11/32	300	7/16 turn	030	030	020	230	1900-1950

1 Secondary setting. 1 3/8-in.

Year	Carburetor Model	Carburetor Number	Floet Level (in.)	Choke Rod (in.)	Choke Setting	Accel. Pump Rod (in.)	Choke Unloader (in.)	Air Valve Spring (in.)	Air Valve Lockout (in.)	Air Valve Dashpot (in.)	Secondary Throttle Closing Adj. (in.)	Vacuum Break (in.)	Fast Idle Speed (rpm)
1970	ROCHESTER												
	4MV	7047030	2404	090	Index	344	300	1/2 Turn	015	030	020	235	1900-1950
1971	4MV	7041766	2404	090	Index	344	300	1/2 Turn	015	030	020	300	1900-1950
1972	4MV	7047231	2604	090	Index	344	310	9/16 Turn	015	030	020	140	1900-1950
Year	Carb. Model	Carb. Number	Floet Level (Ins.)	Pump Rod (Ins.)	Choke Rod (Ins.)	Choke Lever (Ins.)	Choke Unloader (Ins.)	Choke Setting (Notches)	Air Valve Spring (Turns)	Air Valve Rod/Dashpot (Ins.)	Secondary Opening/Closing (Ins.)	Secondary Lockout (Ins.)	Vacuum Break Front/Rear Rod (Ins.)
1973	ROCHESTER												
	4MV	7047331	2604	344	090	—	310	INDEX	5/16z	030	1/020	—	3.200/—
1974	4MV	7044230	1/4	1/4	110	—	5/16	Index	1/2	030	1/020	—	.185/—
	4MV	7044232	23/64	1/4	110	—	5/16	Index	1/2	030	1/020	—	.200/—
	4MV	7044234	1/4	11/32	110	—	5/16	Index	7/16	030	1/020	—	.185/—
	4MV	7044235	23/64	11/32	110	—	5/16	Index	9/16	030	1/020	—	.200/—
	4MV	7044530	1/4	1/4	110	—	5/16	Index	3/8	030	1/020	—	.185/—
	4MV	7044532	23/64	1/4	110	—	5/16	Index	1/2	030	1/020	—	.200/—
1975	M4MEA	7045230	15/32	3/8	080	120	215	2NR	7/16	030	1/020	015	.160/.130
	M4MEA	7045530	15/32	3/8	080	120	215	1NR	1/2	030	1/020	015	.23/.230
1976	M4MEA	7056230	13/32	3/8	080	120	230	2NR	3/8	030	1/020	015	.160/.160
	M4MEA	7056530	7/16	9/32	080	120	230	2NR	3/8	030	1/020	015	.160/.160
	M4MEA	7056232	13/32	3/8	080	120	230	2NR	3/8	030	1/020	015	.160/.160
1977	M4MEA	17057230	13/32	7/16	080	120	230	2NR	1/2	030	1/020	015	.14/.120
	M4MEA	17057231	17/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.140/.140
	M4MEA	17057330	13/32	7/16	080	120	230	2NR	1/2	030	1/020	015	.150/.150
	M4MEA	17057333	13/32	7/16	080	120	230	2NR	1/2	030	1/020	015	.150/.150
	M4MEA	17057232	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.140/.120
	M4MEA	17057233	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.140/.140
1978	M4MEA	17058232	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.150/.165
	M4MEA	17058233	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.150/.165
	M4MEA	17058530	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.150/.165
	M4MEA	17058531	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.150/.165
	M4MEA	17058532	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.150/.165
	M4MEA	17058533	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.150/.165
	M4MEA	17058535	13/32	3/8	080	120	230	2NR	1/2	030	1/020	015	.150/.165



# CHEVROLET

Year Model	Cash Number	Level (In.)	Drop (In.)	Drop Rate (In.)	Class Dist. (In.)	Class Level (In.)	Class Balance (In.)	Class Rating (Notches)	Value Per Unit (In.)	Value Per Unit (In.)	Secondary Quantity (In.)	Alt. Value Per Unit (In.)
<b>ROCHESTER</b>												
1ME	17058031	5/32	---	---	105	120	500	2NR	150/	---	---	---
1ME	17058032	5/32	---	---	080	120	500	3NR	130/	---	---	---
1ME	17058033	5/32	---	---	080	120	500	2NR	130/	---	---	---
1ME	17058034	5/32	---	---	080	120	500	3NR	130/	---	---	---
1ME	17058035	5/32	---	---	080	120	500	3NR	130/	---	---	---
1ME	17058037	5/32	---	---	080	120	500	2NR	130/	---	---	---
1ME	17058042	5/32	---	---	080	120	500	2NR	160/	---	---	---
1ME	17058044	5/32	---	---	080	120	500	2NR	160/	---	---	---
1ME	17058045	5/32	---	---	080	120	500	2NR	160/	---	---	---
1ME	17058332	5/32	---	---	080	120	500	2NR	160/	---	---	---
1ME	17058334	5/32	---	---	080	120	500	2NR	160/	---	---	---
1ME	17058335	5/32	---	---	080	120	500	2NR	160/	---	---	---
1ME	17058336	5/32	---	---	080	120	500	3NR	130/	---	---	---
1ME	17058338	5/32	---	---	080	120	500	3NR	130/	---	---	---
1ME	17058013	3/8	---	---	180	120	500	Index	200/	---	---	---
1ME	17058014	5/16	---	---	180	120	500	Index	200/	---	---	---
1ME	17058020	5/16	---	---	180	120	500	Index	200/	---	---	---
1ME	17058314	3/8	---	---	190	120	400	Index	245/	---	---	---
M2ME	ALL	1/4	---	9/32	314	120	314	Index	136/	---	---	---
2GC	17058102	15/32	1 9/32	1 17/32	260	120	325	Index	150/	---	---	---
2GC	17058103	15/32	1 9/32	1 17/32	260	120	325	Index	150/	---	---	---
2GC	17058104	15/32	1 9/32	1 21/32	260	120	325	Index	160/	---	---	---
2GC	17058105	15/32	1 9/32	1 21/32	260	120	325	Index	160/	---	---	---
2GC	17058107	15/32	1 9/32	1 17/32	260	120	325	Index	160/	---	---	---
2GC	17058109	15/32	1 9/32	1 17/32	260	120	325	Index	160/	---	---	---
2GC	17058404	1/2	1 9/32	1 21/32	260	120	325	1/2NL	160/	---	---	---
2GC	17058405	1/2	1 9/32	1 21/32	260	120	325	1/2NL	160/	---	---	---
2GE	17058143	7/16	1 5/32	1 5/8	080	120	140	1NR	110/ 040	---	---	---
2GE	17058144	7/16	1 5/32	1 5/8	080	120	140	1NR	110/ 060	---	---	---
2GE	17058147	7/16	1 5/32	1 5/8	080	120	140	1NR	140/ 100	---	---	---
2GE	17058447	7/16	1 5/32	1 5/8	080	120	140	1NR	150/ 110	---	---	---
M4MC	17058202	15/32	---	9/32	314	120	277	2NL	179/	1/ 020	015	7/8
M4MC	17058203	15/32	---	9/32	314	120	277	2NL	179/	1/ 020	015	7/8
M4MC	17058204	15/32	---	9/32	314	120	277	2NL	179/	1/ 020	015	7/8
M4MC	17058210	15/32	---	9/32	314	120	277	2NL	203/	1/ 020	015	7/8
M4MC	17058211	15/32	---	9/32	314	120	277	2NL	203/	1/ 020	015	7/8
M4MC	17058212	15/32	---	9/32	314	120	277	2NL	203/	1/ 020	015	7/8
M4MC	17058228	15/32	---	9/32	314	120	277	2NL	187/	1/ 020	015	7/8
M4MC	17058502	15/32	---	9/32	314	120	277	2NL	187/	1/ 020	015	7/8
M4MC	17058504	15/32	---	9/32	314	120	277	2NL	203/	1/ 020	015	7/8
M4MC	17058582	15/32	---	9/32	314	120	277	2NL	203/	1/ 020	015	7/8
M4MC	17058584	15/32	---	9/32	314	120	277	2NL	203/	1/ 020	015	7/8
<b>HOLLEY</b>												
5210-C	10001047	520	1	---	---	150	350	1NR	325/ 400	---	---	---
5210-C	10001048	520	1	---	---	150	350	2NR	300/ 400	---	---	---
5210-C	10001049	520	1	---	---	150	350	1NR	325/ 400	---	---	---
5210-C	10001050	520	1	---	---	150	350	2NR	300/ 400	---	---	---
5210-C	10001052	520	1	---	---	150	350	2NR	325/ 400	---	---	---
5210-C	10001054	520	1	---	---	150	350	2NR	325/ 400	---	---	---
6510-C	10001056	520	1	---	---	150	350	1NR	325/	---	---	---
6510-C	10001058	520	1	---	---	150	350	1NR	325/	---	---	---

1979

ROCHESTER												
1ME	17059013	3/8	---	---	180	120	400	Index	200/	---	---	---
1ME	17059014	3/8	---	---	180	120	400	Index	200/	---	---	---
1ME	17059020	3/8	---	---	180	120	400	Index	200/	---	---	---
1ME	17059314	3/8	---	---	190	120	400	Index	245/	---	---	---
M2MC/M2ME	17059130	13/32	---	1/4	---	120	243	Index	157/	---	---	---
M2MC/M2ME	17059131	13/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059132	13/32	---	1/4	---	120	243	Index	157/	---	---	---
M2MC/M2ME	17059133	13/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059134	13/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059135	13/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059136	13/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059137	13/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059138	9/32	---	1/4	---	120	243	1NL	164/	---	---	---
M2MC/M2ME	17059139	9/32	---	1/4	---	120	243	1NL	164/	---	---	---
M2MC/M2ME	17059140	9/32	---	1/4	---	120	243	1NL	164/	---	---	---
M2MC/M2ME	17059141	9/32	---	1/4	---	120	243	1NL	164/	---	---	---
M2MC/M2ME	17059184	11/32	---	1/4	---	120	220	1NL	103/ 117	---	---	---
M2MC/M2ME	17059194	11/32	---	1/4	---	120	220	1NL	103/ 117	---	---	---
M2MC/M2ME	17059196	11/32	---	1/4	---	120	277	1NR	129/ 117	---	---	---
M2MC/M2ME	17059430	9/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059432	9/32	---	1/4	---	120	243	1NL	157/	---	---	---
M2MC/M2ME	17059491	11/32	---	9/32	---	120	243	1NL	---	---	---	---
M2MC/M2ME	17059498	11/32	---	9/32	---	120	243	1NL	---	---	---	---
M2MC/M2ME	17059193	13/32	---	1/4	---	120	220	1NL	103/ 090	---	---	---
M2MC/M2ME	17059180	11/32	---	1/4	---	120	243	---	103/ 090	---	---	---
M2MC/M2ME	17059190	11/32	---	1/4	---	120	243	---	103/	---	---	---
M2MC/M2ME	17059434	13/32	---	1/4	---	120	243	1NL	171/	---	---	---
M2MC/M2ME	17059436	13/32	---	1/4	---	120	243	1NL	171/	---	---	---
ZSE	17059674	13/64	---	1/2	096	120	195	2NR	103/	---	025	---
ZSE	17059675	13/64	---	17/32	096	120	195	1NR	117/	---	025	---
ZSE	17059676	13/64	---	1/2	096	120	195	2NR	103/	---	025	---
ZSE	17059677	13/64	---	17/32	096	120	195	1NR	117/	---	025	---
E2ME	17059496	5/16	---	3/8	138	120	243	2NR	117/ 179	---	---	---
M4MC	17059203	15/32	---	1/4	243	120	243	1NL	157/	1/ 020	015	7/8
M4MC	17059207	15/32	---	1/4	243	120	243	1NL	157/	1/ 020	015	7/8
M4MC	17059210	15/32	---	9/32	243	120	243	1NL	157/	1/ 020	015	7/8
M4MC	17059211	15/32	---	9/32	243	120	243	2NL	157/	1/ 020	015	7/8
M4MC	17059216	15/32	---	1/4	243	120	243	1NL	157/	1/ 020	015	7/8
M4MC	17059217	15/32	---	1/4	243	120	243	1NL	157/	1/ 020	015	7/8
M4MC	17059218	15/32	---	1/4	243	120	243	2NL	157/	1/ 020	015	7/8
M4MC	17059222	15/32	---	1/4	243	120	243	2NL	164/	1/ 020	015	7/8
M4MC	17059228	15/32	---	9/32	243	120	243	1NL	164/	1/ 020	015	7/8
M4MC	17059502	15/32	---	1/4	243	120	243	2NL	164/	1/ 020	015	7/8
M4MC	17059504	15/32	---	1/4	243	120	243	2NL	164/	1/ 020	015	7/8
M4MC	17059582	15/32	---	11/32	243	120	314	1NL	203/	1/ 020	015	7/8
M4MC	17059584	15/32	---	11/32	243	120	314	1NL	203/	1/ 020	015	7/8
HOLLEY												
6510-C	10008489	520	---	---	---	150	350	1NL	250/	---	---	---
6510-C	10008490	520	---	---	---	150	350	1NL	250/	---	---	---
6510-C	10008491	520	---	---	---	150	350	2NR	250/	---	---	---
6510-C	10008492	520	---	---	---	150	350	2NR	250/	---	---	---
5210-C	466361	500	---	---	---	110	350	2NR	245/	---	---	---
5210-C	466362	500	---	---	---	110	350	2NR	250/	---	---	---
5210-C	466363	500	---	---	---	110	350	2NR	245/	---	---	---
5210-C	466364	500	---	---	---	110	350	2NR	250/	---	---	---
5210-C	466365	500	---	---	---	130	350	1NR	300/	---	---	---
5210-C	466366	500	---	---	---	130	350	1NR	300/	---	---	---
5210-C	466367	500	---	---	---	130	350	1NR	300/	---	---	---
5210-C	466368	500	---	---	---	130	350	1NR	300/	---	---	---
5210-C	466369	500	---	---	---	130	350	1NR	300/	---	---	---



# CHEVROLET

Year	Carb. Model	Carb. Number	Float Level (In.)	Float Drop (In.)	Pump Rod (In.)	Choke Rod (In.)	Choke Lever (In.)	Choke Unloader (In.)	Choke Setting (Notches)	Vacuum Break Pst. (Front)/vac. (rear) (In.)	Secondary Open/Close (In.)	Air Valve Dashpot/Rod (In.)	Air Valve Springs (Turns)
1979	5210-C	466369	500	---	---	---	110	350	2NR	245/---	---	---	---
	5210-C	466370	500	---	---	---	110	350	2NR	250/---	---	---	---
	5210-C	466371	500	---	---	---	110	350	2NR	245/---	---	---	---
	5210-C	466372	500	---	---	---	110	350	2NR	250/---	---	---	---
	5210-C	466373	500	---	---	---	130	350	1NR	300/---	---	---	---
	5210-C	466374	500	---	---	---	130	350	1NR	300/---	---	---	---
	5210-C	466375	500	---	---	---	130	350	1NR	300/---	---	---	---
	5210-C	466376	500	---	---	---	130	350	1NR	300/---	---	---	---

Year	Carb. Model	Carb. Number	Float Level (In.)	Float Drop (In.)	Pump Rod (In.)	Choke Rod (In.)	Choke Lever (In.)	Choke Unloader (In.)	Choke Setting (Notches)	Vacuum Break Pst. (Front)/vac. (rear) (In.)	Secondary Open/Close (In.)	Air Valve Dashpot/Rod (In.)	Air Valve Springs (Turns)
1980	Rockstar												
	ZSE	17080674	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	ZSE	17080675	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	ZSE	17080676	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	ZSE	17080677	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	ZSE	17080774	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	ZSE	17080775	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	ZSE	17080776	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	ZSE	17080777	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059674	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059675	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059676	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059677	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059774	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059775	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059776	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	EZSE	17059777	3/16	---	1/2	096	085	195	TR	NR/---	---	10	---
	M2ME	17080108	3/8	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080110	3/8	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080138	3/8	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080140	3/8	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080130	5/16	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080131	5/16	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080132	5/16	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080133	5/16	---	5/16	243	120	243	TR	142/NR	---	---	---
	M2ME	17080191	11/32	---	1/4	139	120	243	TR	096/096	---	---	---
	M2ME	17080195	9/32	---	1/4	139	120	243	TR	103/090	---	---	---
	M2ME	17080197	9/32	---	1/4	139	120	243	TR	103/090	---	---	---
	M2ME	17080491	---	---	3/8	139	120	243	TR	117/---	---	---	---
	M2ME	17080496	5/16	---	3/8	139	120	243	TR	117/203	---	---	---
	M2ME	17080498	5/16	---	3/8	139	120	243	TR	117/203	---	---	---
	E2ME	17080403	5/16	---	NR	139	120	243	TR	117/179	---	---	---
	E2ME	17080495	5/16	---	NR	139	120	243	TR	117/179	---	---	---
	E2ME	17080496	5/16	---	NR	139	120	243	TR	117/179	---	---	---
	E2ME	17080498	5/16	---	NR	139	120	243	TR	117/203	---	---	---
	M4ME	17080202	7/16	---	1/4	110	120	243	TR	157/---	1/020	025	7/8
	M4ME	17080204	7/16	---	1/4	110	120	243	TR	157/---	1/020	025	7/8
	M4ME	17080207	7/16	---	1/4	110	120	243	TR	157/---	1/020	025	7/8
	M4ME	17080228	7/16	---	9/32	110	120	243	TR	179/---	1/020	025	7/8
	M4ME	17080243	3/16	---	9/32	075	120	179	TR	083/083	1/020	025	9/16
	M4ME	17080274	15/32	---	5/16	083	120	203	TR	110/164	1/020	025	5/8
	M4ME	17080282	7/16	---	11/32	110	120	243	TR	142/---	1/020	025	7/8
	M4ME	17080284	7/16	---	11/32	110	120	243	TR	142/---	1/020	025	7/8
	E4ME	17080502	1/2	---	NR	110	120	243	TR	136/179	1/020	015	1/4
	E4ME	17080504	1/2	---	NR	110	120	243	TR	136/179	1/020	015	1/4
	E4ME	17080542	3/8	---	NR	075	120	243	TR	103/066	1/020	015	1/4
	E4ME	17080543	3/8	---	NR	075	120	243	TR	103/129	1/020	015	1/4
	Holley												
	5210-C	All	1/2	---	---	---	110	350	TR	120/---	---	---	---
	6510-C	All	1/2	---	---	---	130	350	TR	275/---	---	---	---

1 Center of slot.  
2 Minimum wide open throttle.  
3 Without vacuum advance low idle at 450 rpm with viscous clutch fan disengaged.  
4 Without vacuum advance on second step of cam.  
5 With vacuum advance.

6 Centered on bowl, bowl inverted on engine, fuel level with bottom of sight plug hole.  
7 TR-Tamper resistant, factory set and sealed.  
8 NR-Not required.  
9 300/-With automatic.

Year	Carb. Model	Carb. Number	Float Level (In.)	Choke Rod (Deg.)	Vacuum Break Front/Rear (Deg.)	Unloader (Deg.)	Air Valve Rod (Deg.)	Air Valve Windup (Turns)
1981	Rockstar							
	E2ME/EZSE	17081130	T80	20	25/---	38	---	---
	E2ME/EZSE	17081131	13/32	20	25/---	38	---	---
	E2ME/EZSE	17081133	13/32	20	25/---	38	---	---
	E2ME/EZSE	17081138	13/32	20	25/---	40	---	---
	E2ME/EZSE	17081140	13/32	20	25/---	40	---	---
	E2ME/EZSE	17081194	5/16	24.5	21/---	38	---	---
	E2ME/EZSE	17081196	5/16	24.5	21/---	38	---	---
	E2ME/EZSE	17081198	5/16	24.5	28/---	38	---	---
	E2ME/EZSE	17081243	N/A	N/A	N/A	N/A	N/A	---
	E2ME/EZSE	17081651	1/4	17	29/35	35	1	---
	E2ME/EZSE	17081653	1/4	17	29/35	35	1	---
	E2ME/EZSE	17081656	1/4	17	28/35	35	1	---
	E2ME/EZSE	17081672	5/32	18	19/---	32	1	---
	E2ME/EZSE	17081673	5/32	33.5	21/---	32	1	---
	M4ME/E4ME	17081202	11/32	20	27/---	38	0.25	7/8
	M4ME/E4ME	17081203	11/32	20	27/---	38	0.25	7/8
	M4ME/E4ME	17081204	11/32	20	27/---	38	0.25	7/8
	M4ME/E4ME	17081207	11/32	20	27/---	38	0.25	7/8
	M4ME/E4ME	17081216	11/32	20	27/---	38	0.25	7/8
	M4ME/E4ME	17081217	11/32	20	27/---	38	0.25	7/8
	M4ME/E4ME	17081218	11/32	20	27/---	38	0.25	7/8
	Holley							
	6510	All	1/2	---	N/A	350	---	---

1982	Rockstar							
	EZSE	17082350	13/32	17	26/34	35	1	---
	EZSE	17082391	13/32	25	29/35	35	1	---
	EZSE	17082480	13/32	17	26/34	35	1	---
	EZSE	17082491	13/32	25	29/35	35	1	---
	EZSE	17082190	5/16	18	21/19	27	---	---
	EZSE	17082216	1/4	15	26/34	35	10	1
	EZSE	17082217	1/4	17	29/35	35	10	1
	EZSE	17082220	1/4	25	30/35	33	10	1
	EZSE	17082221	1/4	25	29/35	35	10	1
	EZSE	17082240	1/4	17	26/34	35	10	1
	EZSE	17082241	1/4	17	29/35	35	10	1



Year	Carb. Model	Carb. Number	Float Level (Ins.)	Choke Rod (Deg.)	Pump Rod Location/Setting (Ins.)	Vacuum Break Front/Rear (Deg.)	Unloader (Deg.)	Air Valve Red (Deg.)	Air Valve Windup (Turns)
	E2SE	1708242	1/4	25	30/35	33	10	1	
	E2SE	1708160	5/16	18	28/27	35	1	1/2	
	E2SE	1708160	5/16	18	28/27	35	1	1/2	
	E2SE	1708160	5/16	18	28/27	35	1	1/2	
	E2SE	1708160	5/16	18	28/27	35	1	1/2	
	E2SE	1708160	5/16	18	28/27	35	1	1/2	
	E2ME	17082130	3/8	20	27/-	38	-	-	
	E2ME	17082130	3/8	20	27/-	38	-	-	
	E2ME	17082130	3/8	20	27/-	38	-	-	
	E2ME	17082140	3/8	20	27/-	38	-	-	
	E2ME	17082497	5/16	24.5	28/24	32	-	-	
	E2ME	17082202	11/32	20	27/-	38	-	-	7/8
	E4ME	17082203	11/32	38	27/-	38	-	-	7/8
	E4ME	17082204	11/32	20	27/-	38	-	-	7/8
	E4ME	17082207	11/32	38	27/-	38	-	-	7/8
	Holley								
	6510-C	14032364	47-53	.080	270/-	350	-	-	
	6510-C	14032365	47-53	.080	270/-	350	-	-	
	6510-C	14032366	47-53	.080	270/-	350	-	-	
	6510-C	14032367	47-53	.080	270/-	350	-	-	
	6510-C	14032368	47-53	.080	270/-	350	-	-	
	6510-C	14032369	47-53	.080	270/-	350	-	-	
	6510-C	14032370	47-53	.080	270/-	350	-	-	
	6510-C	14032371	47-53	.080	270/-	350	-	-	
	6510-C	14033392	47-53	.080	270/-	350	-	-	
	6510-C	14033393	47-53	.080	270/-	350	-	-	
	6510-C	14047072	47-53	.080	270/-	350	-	-	

Year	Carb. Model	Carb. Number	Float Level (Ins.)	Choke Rod (Deg.)	Choke Coil Lever (Ins.)	Pump Rod Location/Setting (Ins.)	Vacuum Break Front/Rear (Deg.)	Unloader (Deg.)	Air Valve Red (Deg.)	Air Valve Windup (Turns)
1983	ROCHESTER									
	E2ME	17082130	3/8	20	-	-	27/-	38	-	-
	E2ME	17082132	3/8	20	-	-	27/-	38	-	-
	E2ME	17083130	3/8	20	-	-	27/-	38	-	-
	E2ME	17083132	3/8	20	-	-	27/-	38	-	-
	E2ME	17083190	5/16	18	-	-	28/24	32	-	-
	E2ME	17083192	5/16	18	-	-	28/24	32	-	-
	E2ME	17083193	5/16	17	-	-	23/28	27	-	-
	E2ME	17083202	11/32	20	-	-	-/27	38	-	7/8
	E4ME	17083203	11/32	38	-	-	-/27	38	-	7/8
	E4ME	17083204	11/32	20	-	-	-/27	38	-	7/8
	E4ME	17083207	11/32	38	-	-	-/27	38	-	7/8
	E4ME	17083216	11/32	20	-	-	-/27	38	-	7/8
	E4ME	17083218	11/32	20	-	-	-/27	38	-	7/8
	E4ME	17083236	11/32	20	-	-	-/27	38	-	7/8
	E4ME	17083506	7/16	20	-	-	27/36	36	-	7/8
	E4ME	17083508	7/16	20	-	-	27/36	36	-	7/8
	E4ME	17083524	7/16	20	-	-	25/36	36	-	7/8
	E4ME	17083528	7/16	20	-	-	25/36	36	-	7/8
	E2SE	17083356	13/32	22	.085	-	25/35	30	1	1
	E2SE	17083357	13/32	22	.085	-	25/35	30	1	1
	E2SE	17083358	13/32	22	.085	-	25/35	30	1	1
	E2SE	17083359	13/32	22	.085	-	25/35	30	1	1
	E2SE	17083368	13/32	22	.085	-	25/35	30	1	1
	E2SE	17083369	13/32	22	.085	-	25/35	30	1	1
	E2SE	17083370	13/32	22	.085	-	25/35	30	1	1
	E2SE	17083450	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083451	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083452	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083453	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083454	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083455	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083456	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083630	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083631	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083632	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083633	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083634	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083635	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083636	1/4	28	.085	-	28/27	45	1	1
	E2SE	17083430	11/32	15	.085	-	26/38	42	1	1
	E2SE	17083431	11/32	15	.085	-	26/38	42	1	1
	E2SE	17083434	11/32	15	.085	-	26/38	42	1	1
	E2SE	17083435	11/32	15	.085	-	26/38	42	1	1
	2SE	17083410	3/16	15	.085	-	23/38	42	1	-
	2SE	17083411	3/16	15	.085	-	26/38	42	1	-
	2SE	17083412	3/16	15	.085	-	23/38	42	1	-
	2SE	17083413	3/16	15	.085	-	26/38	42	1	-
	2SE	17083414	3/16	15	.085	-	23/38	42	1	-
	2SE	17083415	3/16	15	.085	-	26/38	42	1	-
	2SE	17083416	3/16	15	.085	-	23/38	42	1	-
	2SE	17083417	3/16	15	.085	-	26/38	42	1	-
	2SE	17083419	3/16	15	.085	-	26/38	42	1	-
	2SE	17083421	3/16	15	.085	-	26/38	42	1	-
	2SE	17083423	3/16	15	.085	-	26/38	42	1	-
	2SE	17083425	3/16	15	.085	-	28/38	42	1	-
	2SE	17083427	3/16	15	.085	-	26/38	42	1	-
	2SE	17083429	3/16	15	.085	-	26/38	42	1	-
	2SE	17083560	3/16	15	.085	-	28/38	42	1	-
	2SE	17083562	3/16	15	.085	-	28/38	42	1	-
	2SE	17083565	3/16	15	.085	-	28/38	42	1	-
	2SE	17083569	3/16	15	.085	-	28/38	42	1	-
	2SE	17083348	7/16	22	.085	-	28/38	42	1	-
	2SE	17083349	7/16	22	.085	-	30/32	40	1	-
	2SE	17083350	7/16	22	.085	-	30/32	40	1	-
	2SE	17083351	7/16	22	.085	-	30/32	40	1	-
	2SE	17083352	7/16	22	.085	-	30/32	40	1	-
	2SE	17083353	7/16	22	.085	-	30/35	40	1	-
	2SE	17083354	7/16	22	.085	-	30/35	40	1	-
	2SE	17083355	7/16	22	.085	-	30/35	40	1	-
	2SE	17083360	7/16	22	.085	-	30/35	40	1	-
	2SE	17083361	7/16	22	.085	-	30/32	40	1	-
	2SE	17083362	7/16	22	.085	-	28/32	40	1	-
	2SE	17083363	7/16	22	.085	-	30/32	40	1	-
	2SE	17083364	7/16	22	.085	-	28/32	40	1	-
	2SE	17083365	7/16	22	.085	-	30/35	40	1	-
	2SE	17083367	7/16	22	.085	-	30/35	40	1	-
	2SE	17083368	7/16	22	.085	-	30/35	40	1	-
	2SE	17083369	13/32	22	.085	-	30/35	40	1	-



# CHEVROLET

Year	Carb. Model	Carb. Number	Fuel Level (In.)	Choke Rod (Deg.)	Choke Call Lever (In.)	Pump Rod Location/Setting (In.)	Vacuum Break Front/Rear (Deg.)	Unloader (Deg.)	Idle Valve (Deg.)	Idle (Turns)
	2SE	17083382	13/32	28	.085	—	30/35	38	1	—
	2SE	17083383	13/32	28	.085	—	30/35	38	1	—
	2SE	17083384	13/32	28	.085	—	30/35	38	1	—
	2SE	17083385	13/32	28	.085	—	30/35	38	1	—
	2SE	17083386	13/32	28	.085	—	30/35	38	1	—
	2SE	17083387	13/32	28	.085	—	30/35	38	1	—
	M4MC/M4ME	17083220	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083221	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083222	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083223	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083224	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083225	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083226	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083227	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083230	13/32	46	—	Inner 9/32	—/26	39	.025	7/8
	M4MC/M4ME	17083231	13/32	46	—	Inner 9/32	—/26	39	.025	7/8
	M4MC/M4ME	17080201	15/32	46	—	Inner 9/32	—/23	42	.025	7/8
	M4MC/M4ME	17080205	15/32	46	—	Inner 9/32	—/23	42	.025	7/8
	M4MC/M4ME	17080206	15/32	46	—	Inner 9/32	—/23	42	.025	7/8
	M4MC/M4ME	17080213	3/8	37	—	Inner 9/32	23/30	40	.025	7/8
	M4MC/M4ME	17080290	15/32	46	—	Inner 9/32	—/26	42	.025	1
	M4MC/M4ME	17080291	15/32	46	—	Inner 9/32	—/26	42	.025	7/8
	M4MC/M4ME	17080292	15/32	46	—	Inner 9/32	—/26	42	.025	7/8
	M4MC/M4ME	17080298	3/8	37	—	Inner 9/32	23/30	40	.025	7/8
	M4MC/M4ME	17080507	3/8	37	—	Inner 9/32	23/30	40	.025	1
	M4MC/M4ME	17080513	3/8	37	—	Inner 9/32	23/30	40	.025	1
	M4MC/M4ME	17082213	9/32	37	—	Inner 9/32	23/30	40	.025	1
	M4MC/M4ME	17083234	13/32	46	—	Inner 9/32	—/26	39	.025	7/8
	M4MC/M4ME	17083235	13/32	46	—	Inner 9/32	—/26	39	.025	7/8
	M4MC/M4ME	17083290	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083291	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083292	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083293	13/32	46	—	Inner 9/32	—/24	39	.025	7/8
	M4MC/M4ME	17083298	3/8	37	—	Inner 9/32	23/30	40	.025	7/8
	M4MC/M4ME	17083507	3/8	37	—	Inner 9/32	23/30	40	.025	1
	E4ME	17083202	11/32	20	—	—	—/27	38	—	7/8
	E4ME	17083203	11/32	20	—	—	—/27	38	—	7/8
	E4ME	17083204	11/32	20	—	—	—/27	38	—	7/8
	E4ME	17083207	11/32	20	—	—	—/27	38	—	7/8
	E4ME	17083216	11/32	20	—	—	—/27	38	—	7/8
	E4ME	17083218	11/32	20	—	—	—/27	38	—	7/8
	E4ME	17083236	11/32	20	—	—	—/27	38	—	7/8
	HOLLEY									
	6510-C	14048827	.47- .53	.080	—	—	270/—	350	—	—
	6510-C	14048828	.47- .53	.080	—	—	300/—	350	—	—
	6510-C	14048829	.47- .53	.080	—	—	270/—	350	—	—

## CHEVETTE/MONZA/VEGA

Year	Carburetor Model	Carburetor Number	Fuel Level (in.)	Fuel Drop (in.)	Accel. Pump Rod (in.)	Choke Rod (Fast Idle Cam)	Vacuum Break (in.)	Choke Unloader (in.)	Main Jet Pn./Sec.	Idle Jet Pn./Sec.	Pump Position (Male)	Choke Index Setting	Fast Idle (rpm)
1971	ROCHESTER												
	MV	7041023	1/16	—	—	.080	140	350	—	—	—	—	2400
	MV	7041024	1/16	—	—	.120	200	350	—	—	—	—	2400
	2GV	7041181	5/8	1 3/4	1 3/8	.080	120	180	—	—	—	—	2400
	2GV	7041182	5/8	1 3/4	1 3/8	.080	120	180	—	—	—	—	2400
1972	MV	7042023	1/8	—	—	.130	200	375	—	—	—	—	2400
	MV	7042993	1/8	—	—	.130	200	375	—	—	—	—	2400
	MV	7042024	1/16	—	—	.700	120	375	—	—	—	—	2800
	MV	7042994	1/16	—	—	.700	120	375	—	—	—	—	2800
	2GV	7042106	19/32	1 7/8	1 1/16	.060	.085	215	—	—	—	—	2800
	2GV	7042107	19/32	1 7/8	1 1/16	.080	100	215	—	—	—	—	2800
	2GV	7042826	19/32	1 7/8	1 1/16	.060	.085	215	—	—	—	—	2400
	2GV	7042827	19/32	1 7/8	1 1/16	.080	100	215	—	—	—	—	2800
1973	MV	7043023	.060	—	—	.110	140	375	—	—	—	—	2000
	MV	7043033	.060	—	—	.110	140	375	—	—	—	—	2000
	MV	7043323	.060	—	—	.110	140	375	—	—	—	—	2000
	MV	7043333	.060	—	—	.110	140	375	—	—	—	—	2000
	MV	7043024	.060	—	—	.085	120	375	—	—	—	—	2200
	MV	7043034	.060	—	—	.085	120	375	—	—	—	—	2200
	MV	7043324	.060	—	—	.085	120	375	—	—	—	—	2200
	MV	7043334	.060	—	—	.085	120	375	—	—	—	—	2200
	HOLLEY												
	5210 C	331157	.420	10 - 1 8	—	—	300	—	132/142	55/50	3	1 rich	2000
	5210 C	331159	.420	10 - 1 8	—	—	300	—	132/142	55/50	3	1 rich	2000
	5210 C	331156	.420	10 - 1 8	—	—	300	—	132/140	55/50	2	2 rich	2200
	5210 C	331158	.420	10 - 1 8	—	—	300	—	132/140	55/50	2	2 rich	2200
1974	ROCHESTER												
	1MV	7044023	.060	—	—	.080	130	375	—	—	—	—	2000
	1MV	7044033	.060	—	—	.080	130	375	—	—	—	—	2000
	1MV	7044323	.060	—	—	.080	130	375	—	—	—	—	2000
	1MV	7044333	.060	—	—	.080	130	375	—	—	—	—	2000
	1MV	7044024	.060	—	—	.080	130	375	—	—	—	—	2200
	1MV	7044034	.060	—	—	.080	130	375	—	—	—	—	2200
	1MV	7044324	.060	—	—	.080	130	375	—	—	—	—	2200
	1MV	7044334	.060	—	—	.080	130	375	—	—	—	—	2200
	HOLLEY												
	5210 C	338179	.420	10 - 1 8	—	—	300	—	132/142	55/50	3	2 1/2 rich	2000
	5210 C	338181	.420	10 - 1 8	—	—	300	—	132/142	55/50	3	2 1/2 rich	2000
	5210 C	338168	.420	10 - 1 8	—	—	400	—	130/140	55/50	2	3 1/2 rich	2200
	5210 C	338170	.420	10 - 1 8	—	—	400	—	130/140	55/50	2	3 1/2 rich	2200
1975	ROCHESTER												
	1MV	7045025	1 8	—	—	.080	100/ 450	375	—	—	—	—	2000
	1MV	7045029	1 8	—	—	.080	100/ 450	375	—	—	—	—	2000
	1MV	7045024	1 8	—	—	.080	100/ 450	375	—	—	—	—	2200
	1MV	7045028	1 8	—	—	.080	100/ 450	375	—	—	—	—	2200
	2GC	7045101	19-32	1 7-32	1 19-32	.375	130	350	—	—	—	—	3
	2GC	7045105	19-32	1 7-32	1 19-32	.375	130	350	—	—	—	—	3
	2GC	7045401	21-32	1 7-32	1 19-32	.380	130	350	—	—	—	—	3
	2GC	7045405	21-32	1 7-32	1 19-32	.380	130	350	—	—	—	—	3
	2GC	7045102	19-32	1 7-32	1 19-32	.375	130	350	—	—	—	—	3
	2GC	7045106	19-32	1 7-32	1 19-32	.375	130	350	—	—	—	—	3
	2GC	7045402	21-32	1 7-32	1 19-32	.380	130	350	—	—	—	—	3



# OLDSMOBILE

Year	Carb. Model	Carb. Number	Fleet Level (In.)	Fleet Drop (In.)	Power Rod (In.)	Power Rod Hole	Choke Rod (In.)	Choke Lever (In.)	Choke Unloader (In.)	Vacuum Break Pt. (Front/Sec. (In.))	Secondary Throttle Opening/Closing	Secondary Lockout (In.)	Air Valve Spring (Turns)	Secondary Rod (In.)	Secondary Closing (In.)
<b>1979 ROCHESTER</b>															
	HOLLEY														
	5210-C	10001047	.52	1	—	—	.150	—	350	325/—	✓	—	—	—	1NR
	5210-C	10001049	.52	1	—	—	.150	—	350	325/—	✓	—	—	—	1NR
	5210-C	10004048	.52	1	—	—	.150	—	350	300/—	✓	—	—	—	2NR
	5210-C	10004049	.52	1	—	—	.150	—	350	300/—	✓	—	—	—	1NR
	6510-C	10001056	.52	1	—	—	.150	—	350	325/—	✓	—	—	—	1NR
	6510-C	10001058	.52	1	—	—	.150	—	350	325/—	✓	—	—	—	1NR
	ZSE	17059674	13/64	—	1/2	—	.096	.085	.195	117/—	✓	.025	—	—	2NR
	ZSE	17059675	13/64	—	17/32	—	.096	.085	.195	117/—	✓	.025	—	—	1NR
	ZSE	17059676	13/64	—	1/2	—	.096	.085	.195	117/—	✓	.025	—	—	2NR
	ZSE	17059677	13/64	—	17/32	—	.096	.085	.195	117/—	✓	.025	—	—	1NR
	M2M/C-M2M/E	17059134	15/32	—	1/4	Inner	.243	.120	.243	157/—	✓	—	—	—	1NR
	M2M/C-M2M/E	17059135	15/32	—	1/4	Inner	.243	.120	.243	157/—	✓	—	—	—	1NR
	M2M/C-M2M/E	17059136	15/32	—	1/4	Inner	.243	.120	.243	157/—	✓	—	—	—	1NR
	M2M/C-M2M/E	17059137	15/32	—	1/4	Inner	.243	.120	.243	157/—	✓	—	—	—	1NR
	M2M/C-M2M/E	17059150	3/8	—	1/4	Inner	.071	.120	.220	195/129	✓	—	—	—	1NR
	M2M/C-M2M/E	17059151	3/8	—	11/32	Outer	.071	.120	.220	243/142	✓	—	—	—	2NR
	M2M/C-M2M/E	17059152	3/8	—	1/4	Inner	.071	.120	.220	195/129	✓	—	—	—	2NR
	M2M/C-M2M/E	17059154	3/8	—	11/32	Outer	.071	.120	.220	157/260	✓	—	—	—	2NR
	M2M/C-M2M/E	17059160	11/32	—	1/4	Inner	.110	.120	.195	129/203	✓	—	—	—	2NR
	M2M/C-M2M/E	17059180	11/32	—	1/4	Inner	.139	.120	.243	103/090	✓	—	—	—	2NR
	M2M/C-M2M/E	17059190	11/32	—	1/4	Inner	.139	.120	.243	103/090	✓	—	—	—	2NR
	M2M/C-M2M/E	17059191	11/32	—	9/32	Inner	.139	.120	.243	103/090	✓	—	—	—	2NR
	M2M/C-M2M/E	17059196	11/32	—	1/4	Inner	.139	.120	.277	129/117	✓	—	—	—	1NR
	M2M/C-M2M/E	17059450	3/8	—	11/32	Outer	.071	.120	.220	157/304	✓	—	—	—	2NR
	M2M/C-M2M/E	17059491	11/32	—	9/32	Inner	.139	.120	.277	129/117	✓	—	—	—	1NR
	M2M/C-M2M/E	17059492	11/32	—	9/32	Inner	.139	.120	.277	103/103	✓	—	—	—	2NR
	M2M/C-M2M/E	17059493	11/32	—	9/32	Inner	.139	.120	.277	129/117	✓	—	—	—	2NR
	M2M/C-M2M/E	17059521	5/16	—	3/8	Outer	.096	.120	.243	120/113	1/020	.015	3/4	.015	1NR
	M4M/C	17059250	13/32	—	9/32	Inner	.096	.120	.220	129/182	1/020	.015	1/2	.030	2NR
	M4M/C	17059253	13/32	—	9/32	Inner	.096	.120	.220	129/182	1/020	.015	1/2	.030	2NR
	M4M/C	17059253	13/32	—	9/32	Inner	.096	.120	.220	129/182	1/020	.015	N/A	.030	2NR
	M4M/C	17059553	13/32	—	9/32	Inner	.103	.120	.220	136/230	1/020	.015	1/2	.030	2NR
	ZSE	17080674	3/16	—	1/2	—	.096	.085	.195	103/—	✓	.025	—	.008	TR
	ZSE	17080675	3/16	—	1/2	—	.096	.085	.195	117/—	✓	.025	—	.008	TR
	ZSE	17080676	3/16	—	1/2	—	.096	.085	.195	103/—	✓	.025	—	.008	TR
	ZSE	17080677	3/16	—	1/2	—	.096	.085	.195	117/—	✓	.025	—	.008	TR
	E2SE	17059774	5/32	—	1/2	—	.096	.085	.195	103/—	✓	.025	—	.008	TR
	E2SE	17059775	5/32	—	17/32	—	.096	.085	.195	117/—	✓	.025	—	.008	TR
	E2SE	17059776	5/32	—	1/2	—	.096	.085	.195	103/—	✓	.025	—	.008	TR
	E2SE	17059777	5/32	—	17/32	—	.096	.085	.195	117/—	✓	.025	—	.008	TR
	M2M/C-M2M/E	17080150	3/8	—	11/32	Outer	.071	.120	.220	243/157	✓	—	—	—	TR
	M2M/C-M2M/E	17080152	3/8	—	11/32	Outer	.071	.120	.220	243/157	✓	—	—	—	TR
	M2M/C-M2M/E	17080153	3/8	—	11/32	Outer	.071	.120	.220	243/157	✓	—	—	—	TR
	M2M/C-M2M/E	17080190	9/32	—	1/4	Inner	.139	.120	.243	123/110	✓	—	—	—	TR
	M2M/C-M2M/E	17080191	11/32	—	1/4	Inner	.139	.120	.243	096/096	✓	—	—	—	TR
	M2M/C-M2M/E	17080192	9/32	—	1/4	Inner	.139	.120	.243	123/110	✓	—	—	—	TR
	M2M/C-M2M/E	17080195	9/32	—	1/4	Inner	.139	.120	.243	103/071	✓	—	—	—	TR
	M2M/C-M2M/E	17080197	9/32	—	1/4	Inner	.139	.120	.243	103/071	✓	—	—	—	TR
	E2M/E	17080491	5/16	—	—	—	.139	.120	.243	117/220	✓	—	—	—	TR
	E2M/E	17080493	5/16	—	—	—	.139	.120	.243	117/179	✓	—	—	—	TR
	E2M/E	17080495	5/16	—	—	—	.139	.120	.243	117/179	✓	—	—	—	TR
	E2M/E	17080496	5/16	—	—	—	.139	.120	.243	117/203	✓	—	—	—	TR
	E2M/E	17080498	5/16	—	—	—	.139	.120	.243	117/203	✓	—	—	—	TR
	E4M/C	17080250	13/32	—	9/32	Inner	.090	.120	.220	149/211	1/020	.015	1/2	.025	TR
	E4M/C	17080251	13/32	—	9/32	Inner	.090	.120	.220	149/211	1/020	.015	1/2	.025	TR
	E4M/C	17080253	13/32	—	9/32	Inner	.090	.120	.220	149/211	1/020	.015	1/2	.025	TR
	E4M/C	17080259	13/32	—	9/32	Inner	.090	.120	.220	149/211	1/020	.015	1/2	.025	TR
	E4M/C	17080260	13/32	—	9/32	Inner	.090	.120	.220	149/211	1/020	.015	1/2	.025	TR
	E4M/C	17080553	15/32	—	9/32	—	.090	.120	.220	142/220	1/020	.015	1/2	.025	TR
	E4M/C	17080554	15/32	—	9/32	—	.090	.120	.220	142/211	1/020	.015	1/2	.025	TR
	E4M/C	17080202	7/16	—	1/4	Inner	.110	.120	.243	157/—	1/020	.015	7/8	.025	TR
	E4M/C	17080204	7/16	—	1/4	Inner	.110	.120	.243	157/—	1/020	.015	7/8	.025	TR
	E4M/C	17080504	1/2	—	—	—	.110	.120	.243	136/179	1/020	.015	7/8	.025	TR
	E4M/C	17080252	13/32	—	9/32	Inner	.090	.120	.220	149/211	1/020	.015	1/2	.025	TR

1KCS solenoid disconnected on low step of cam. Center of slot  
2All transmissions in neutral  
3Vacuum advance disconnected on low step of cam  
4See vehicle emissions control sticker under hood

5Open primary throttle until actuating link touches tang; bend tang to adjust  
6Allthrottle manual transmissions  
7Except California  
8Tamper resistant; no adjustment possible.

Year	Carb. Model	Carb. Number	Fleet Level (In.)	Choke Rod (Deg.)	Vacuum Break Front/Rear (Deg.)	Unloader (Deg.)	Air Valve Rod (Deg.)	Air Valve Windup (Turns)	Secondary Lockout (In.)	Secondary Closing (In.)
<b>1981 ROCHESTER</b>										
	E2SE	17081650	1/4	17	25/34	35	1	—	—	—
	E2SE	17081651	1/4	17	29/35	35	1	—	—	—
	E2SE	17081652	1/4	17	25/34	35	1	—	—	—
	E2SE	17081653	1/4	17	29/35	35	1	—	—	—
	E2SE	17081656	1/4	17	28/35	35	1	—	—	—
	E2SE	17081658	1/4	17	28/35	35	1	—	—	—
	E2SE	17081740	1/4	17	25/34	35	1	—	—	—
	E2SE	17081742	1/4	17	25/34	35	1	—	—	—
	E2SE	17081746	1/4	17	28/35	35	1	—	—	—
	E2SE	17081748	1/4	17	28/35	35	1	—	—	—
	E2SE	17081670	5/32	18	19/—	32	1	—	—	—
	E2SE	17081671	5/32	33.5	21/—	32	1	—	—	—
	E2SE	17081672	5/32	18	19/—	32	1	—	—	—
	E2SE	17081673	5/32	33.5	21/—	32	1	—	—	—
	E4M/E/M/C	17081250	13/32	17	26/34	35	.025	1/2	.015	.020
	E4M/E/M/C	17081253	15/32	14	25/36	35	.025	1/2	.015	.020
	E4M/E/M/C	17081254	15/32	14	25/36	35	.025	1/2	.015	.020
	E4M/E/M/C	17081248	3/8	24.5	28/24	38	.025	—	.015	.020
	E4M/E/M/C	17081289	13/32	24.5	28/24	38	.025	—	.015	.020
	E2M/E/M/C	17081191	5/16	24.5	28/24	38	—	—	—	—
	E2M/E/M/C	17081192	5/16	24.5	21/30	38	—	—	—	—
	E2M/E/M/C	17081194	5/16	24.5	21/30	38	—	—	—	—
	E2M/E/M/C	17081196	5/16	24.5	21/30	38	—	—	—	—
	E2M/E/M/C	17081197	5/16	24.5	21/30	38	—	—	—	—
	E2M/E/M/C	17081198	3/8	24.5	28/24	38	—	—	—	—
	E2M/E/M/C	17081150	13/32	14	24/36	35	—	—	—	—
	E2M/E/M/C	17081152	13/32	14	24/36	35	—	—	—	—



# OLDSMOBILE

Year	Carb. Model	Carb. Number	Fleet Level (Ins.)	Fleet Drop (Ins.)	Pump Rod (Ins.)	Pump Rod Hole	Choke Rod (Ins.)	Choke Lever (Ins.)	Choke Unloader (Ins.)	Vacuum Break (Ins.) Pri. (Front)/Sec. (Rear)	Secondary Throttle Opening/Closing	Secondary Lockout (Ins.)	Air Valve Spring (Turns)	Air Valve Backstop/ Rod (Ins.)	Choke Setting (Notches)
1982	ROCHESTER	E2SE	17081600		5/16		24	20/27	35	1		1/2	—	—	—
		E2SE	17081601		5/16		24	20/27	35	1		1/2	—	—	—
		E2SE	17081607		5/16		24	20/27	35	1		1/2	—	—	—
		E2SE	17081700		5/16		24	20/27	35	1		1/2	—	—	—
		E2SE	17081701		5/16		24	20/27	35	1		1/2	—	—	—
		E2SE	17082316		1/4		17	26/34	35	1		1	—	—	—
		E2SE	17082317		1/4		17	29/35	35	1		1	—	—	—
		E2SE	17082320		1/4		25	30/35	33	1		1	—	—	—
		E2SE	17082321		1/4		25	29/35	33	1		1	—	—	—
		E2SE	17082356		13/32		22	25/35	30	1		1	—	—	—
		E2SE	17082357		13/32		22	25/35	30	1		1	—	—	—
		E2SE	17082358		13/32		22	25/35	30	1		1	—	—	—
		E2SE	17082359		13/32		22	25/35	30	1		1	—	—	—
		E2SE	17082390		13/32		17	26/34	35	1		1	—	—	—
		E2SE	17082391		13/32		25	29/35	35	1		1	—	—	—
		E2SE	17082398		13/32		17	26/34	35	1		1	—	—	—
		E2SE	17082490		13/32		17	26/34	35	1		1	—	—	—
		E2SE	17082491		13/32		25	29/35	35	1		1	—	—	—
		E2SE	17082498		13/32		17	26/34	35	1		1	—	—	—
		E2SE	17082640		1/4		17	26/34	35	1		1	—	—	—
		E2SE	17082641		1/4		17	29/35	35	1		1	—	—	—
		E2SE	17082642		1/4		25	30/35	33	1		1	—	—	—
		E2MC/E2ME	17082150		13/32		14	24/361	35	—	—	—	—	—	—
		E2MC/E2ME	17082152		13/32		14	24/361	35	—	—	—	—	—	—
		E2MC/E2ME	17082182		5/16		18	28/24	32	—	—	—	—	—	—
		E2MC/E2ME	17082183		5/16		18	24/28	27	—	—	—	—	—	—
		E2MC/E2ME	17082184		5/16		18	28/24	32	—	—	—	—	—	—
		E2MC/E2ME	17082186		5/16		18	21/19	27	—	—	—	—	—	—
		E2MC/E2ME	17082192		5/16		18	28/24	32	—	—	—	—	—	—
		E2MC/E2ME	17082194		5/16		18	28/24	32	—	—	—	—	—	—
		E2MC/E2ME	17082196		13/32		18	21/19	27	—	—	—	—	—	—
		E4MC/E4ME	17082244		9/32		24.5	21/16	32	—	—	9/16	—	—	—

Year	Carb. Model	Carb. Number	Fleet Level (Ins.)	Choke Rod (Deg.)	Vacuum Break Front/Rear (Deg.)	Unloader (Deg.)	Air Valve Rod (Deg.)	Air Valve Windup (Turns)	Secondary Lockout (Ins.)	Secondary Closing (Ins.)
1982	E4MC/E4ME	17082245	3/8	24.5	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082246	3/8	24.5	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082247	3/8	18	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082248	9/32	18	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082249	9/32	24.5	20/15	38	—	9/16	—	—
	E4MC/E4ME	17082251	7/16	14	25/45	35	—	1/2	—	—
	E4MC/E4ME	17082253	7/16	14	27/41	35	—	1/2	—	—
	E4MC/E4ME	17082264	9/32	24.5	21/16	32	—	9/16	—	—
	E4MC/E4ME	17082265	3/8	24.5	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082266	3/8	24.5	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082267	3/8	18	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082268	3/8	18	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082269	9/32	24.5	20/15	38	—	9/16	—	—
	E4MC/E4ME	17082294	3/8	24.5	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082295	3/8	24.5	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082298	3/8	18	26/26	32	—	5/8	—	—
	E4MC/E4ME	17082299	3/8	18	26/26	32	—	5/8	—	—

1 High Altitude Applications—set at 40°.

Year	Carb. Model	Carb. Number	Fleet Level (Ins.)	Choke Rod (Deg.)	Vacuum Break Front/Rear (Deg.)	Unloader (Deg.)	Air Valve Rod (Deg. or Ins.)	Air Valve Windup (Turns)	Choke Coil Lower (Ins.)	Secondary Lockout (Ins.)
1983	ROCHESTER	17083190	5/16	18	28/24	32	—	—	1206	—
		E2ME	17083192	5/16	18	28/24	32	—	1206	—
		E2ME	17083193	5/16	18	24/28	27	—	1206	—
		E2SE	17083356	13/32	22	25/35	30	1	.085	—
		E2SE	17083357	13/32	22	25/35	30	1	.085	—
		E2SE	17083358	13/32	22	25/35	30	1	.085	—
		E2SE	17083359	13/32	22	25/35	30	1	.085	—
		E2SE	17083368	13/32	22	25/35	30	1	.085	—
		E2SE	17083369	13/32	22	25/35	30	1	.085	—
		E2SE	17083370	13/32	22	25/35	30	1	.085	—
		E2SE	17083371	13/32	22	25/35	30	1	.085	—
		E2SE	17083450	1/4	28	27/35	45	1	.085	—
		E2SE	17083451	1/4	28	27/35	45	1	.085	—
		E2SE	17083452	1/4	28	27/35	45	1	.085	—
		E2SE	17083453	1/4	28	27/35	45	1	.085	—
		E2SE	17083454	1/4	28	27/35	45	1	.085	—
		E2SE	17083455	1/4	28	27/35	45	1	.085	—
		E2SE	17083456	1/4	28	27/35	45	1	.085	—
		E2SE	17083458	1/4	28	27/35	45	1	.085	—
		E2SE	17083459	1/4	28	27/35	45	1	.085	—
		E2SE	17083630	13/32	28	27/35	45	1	.085	—
		E2SE	17083631	13/32	28	27/35	45	1	.085	—
		E2SE	17083632	13/32	28	27/35	45	1	.085	—
		E2SE	17083633	13/32	28	27/35	45	1	.085	—
		E2SE	17083634	13/32	28	27/35	45	1	.085	—
		E2SE	17083635	13/32	28	27/35	45	1	.085	—
		E2SE	17083636	13/32	28	27/35	45	1	.085	—
		E4ME	17082265	3/8	24.5	26/26	32	.025	5/8	.015
		E4ME	17082266	3/8	24.5	26/26	32	.025	5/8	.015
		E4ME	17082267	3/8	18	26/26	32	.025	5/8	.015
		E4ME	17082268	3/8	18	26/26	32	.025	5/8	.015
		E4ME	17083242	9/32	24.5	20/—	38	.025	9/16	.015
		E4ME	17083244	1/4	24.5	21/16	32	.025	9/16	.015
		E4ME	17083248	3/8	24.5	26/26	32	.025	5/8	.015
		E4ME	17083250	7/16	14	27/42	35	.025	1/2	.015
		E4ME	17083253	7/16	14	27/41	35	.025	1/2	.015
		E4ME	17083553	7/16	14	27/41	35	.025	1/2	.015







# PONTIAC

Year	Carb. Model	Carb. Number	Float Level (In.)	Float Drop (In.)	Pump Rod (In.)	Pump Rod Hole	Choke Rod (In.)	Choke Lever (In.)	Choke Unloader (In.)	Choke Setting (Notches)	Vacuum Break Pnt. (Front/Sec. Aux. (Rear))	Air Valve Rod/Dashpot (In.)	Air Valve Spring (Turns)	Air Valve Locknut (In.)
	M2MC/M2ME	17080195	9/32	—	1/4	inner	.139	.120	.243	7	103/090	—	—	—
	M2MC/M2ME	17080197	9/32	—	1/4	inner	.139	.120	.243	7	103/090	—	—	—
	E2MC/E2ME	17080490	5/16	—	7	7	.139	.120	.243	7	179/164	—	—	—
	E2MC/E2ME	17080492	5/16	—	7	7	.139	.120	.243	7	179/164	—	—	—
	E2MC/E2ME	17080496	5/16	—	7	7	.139	.120	.243	7	117/179	—	—	—
	E2MC/E2ME	17080498	5/16	—	7	7	.139	.120	.243	7	117/179	—	—	—
	M4MC/M4ME	17080241	5/16	—	9/32	inner	.096	.120	.243	7	110/103	.025	3/4	.015
	M4MC/M4ME	17080249	5/16	—	9/32	inner	.096	.120	.243	7	110/103	.025	3/4	.015
	M4MC/M4ME	17080270	7/16	—	3/8	outer	.075	.120	.203	7	129/176	.025	5/8	.015
	M4MC/M4ME	17080271	7/16	—	3/8	outer	.110	.120	.203	7	142/211	.025	5/8	.015
	M4MC/M4ME	17080272	7/16	—	3/8	outer	.075	.120	.203	7	129/176	.025	5/8	.015
	M4MC/M4ME	17080274	7/16	—	11/32	outer	.083	.120	.220	7	136/195	.025	5/8	.015
	E4MC/E4ME	17080502	19/32	—	7	7	.110	.120	.243	7	149/179	.025	7/8	.015
	E4MC/E4ME	17080504	19/32	—	7	7	.110	.120	.243	7	149/179	.025	7/8	.015
	E4MC/E4ME	17080553	13/32	—	7	7	.090	.120	.220	7	142/227	.025	1/2	.015

Dry float setting—top of float with air horn inverted

Float .268

Float .135

Float .135

.240 at 22.500 inch tune up adjustment.

\*See emissions label

\*TAMPER RESISTANT

Year	Carb. Model	Carb. Number	Float Level (In.)	Pump Rod (In.) 1	Pump Rod Location 1	Choke Rod Cam (Deg.)	Air Valve Rod (Deg.)	Vacuum Break Pnt./Sec. (Deg.)	Choke Unloader (Deg.)	Air Valve Windup (Turns)
1981	ROCHESTER	17081670	5/32	TR	—	18	1	19/—	32	—
	E2SE	17081671	5/32	TR	—	33.5	1	21/—	32	—
	E2SE	17081672	5/32	TR	—	18	1	19/—	32	—
	E2SE	17081673	5/32	TR	—	33.5	1	21/—	32	—
	E2SE	17081160	1/4	TR	TR	14.5	—	24/35	35	—
	E2SE	17059775	5/32	17/32	—	18	1	21/—	32	—
	E2SE	17059776	5/32	1/2	—	18	1	19/—	32	—
	E2SE	17059777	5/32	17/32	—	18	1	21/—	32	—
	E2SE	17080674	3/16	1/2	—	18	1	19/—	32	—
	E2SE	17080675	3/16	1/2	—	18	1	21/—	32	—
	E2SE	17080676	3/16	1/2	—	18	1	19/—	32	—
	E2SE	17080677	3/16	1/2	—	18	1	21/—	32	—
	E4ME	17081270	7/16	TR	TR	14.5	—	24/34	35	5/8
	E4ME	17081272	7/16	TR	TR	14.5	—	24/40	35	5/8
	E4ME	17081273	7/16	TR	TR	16	—	24/34	35	5/8
	E4ME	17081274	7/16	TR	TR	16	—	24/35	35	5/8

\*TAMPER RESISTANT

1982	ROCHESTER	17081600	5/16	—	—	24	1	20/27	35	1/2
	E2SE	17081601	5/16	—	—	24	1	20/27	35	1/2
	E2SE	17081607	5/16	—	—	24	1	20/27	35	1/2
	E2SE	17081700	5/16	—	—	24	1	20/27	35	1/2
	E2SE	17081701	5/16	—	—	24	1	20/27	35	1/2
	E2SE	17082196	5/16	—	—	18	—	21/19	27	—
	E2SE	17082316	1/4	—	—	17	10	26/34	35	1
	E2SE	17082317	1/4	—	—	17	10	29/35	35	1
	E2SE	17082320	1/4	—	—	25	10	30/35	33	1
	E2SE	17082321	1/4	—	—	25	10	29/35	35	1
	E2SE	17082640	1/4	—	—	17	10	26/34	35	1
	E2SE	17082641	1/4	—	—	17	10	29/35	35	1
	E2SE	17082642	1/4	—	—	25	10	30/35	33	1
	E2ME/E2MC	17082130	3/8	—	—	20	—	27/—	38	—
	E2ME/E2MC	17082132	3/8	—	—	20	—	27/—	38	—
	E2ME/E2MC	17082138	3/8	—	—	20	—	27/—	38	—
	E2ME/E2MC	17082140	3/8	—	—	20	—	27/—	38	—
	E2ME/E2MC	17082150	13/32	—	—	14	—	27/38	35	—
	E2ME/E2MC	17082182	5/16	—	—	20	—	28/24	32	—
	E2ME/E2MC	17082184	5/16	—	—	18	—	28/24	32	—
	E2ME/E2MC	17082186	5/16	—	—	18	—	21/19	27	—
	E2ME/E2MC	17082192	5/16	—	—	18	—	28/24	32	—
	E2ME/E2MC	17082194	5/16	—	—	18	—	28/24	32	—
	E2ME/E2MC	17082196	5/16	—	—	8	—	21/19	27	—
	E2ME/E2MC	17082202	11/32	—	—	20	—	20/—	38	7/8
	E2ME/E2MC	17082204	11/32	—	—	20	—	20/—	38	3/8
	E4ME/E4MC	17082244	7/16	—	—	24.5	—	21/16	32	9/16
	E4ME/E4MC	17082245	3/8	—	—	24.5	—	21/16	32	9/16
	E4ME/E4MC	17082246	3/8	—	—	24.5	—	26/26	32	5/8
	E4ME/E4MC	17082247	13/32	—	—	24.5	—	28/24	38	5/8
	E4ME/E4MC	17082248	13/32	—	—	24.5	—	28/24	38	5/8
	E4ME/E4MC	17082251	15/32	—	—	14	—	25/45	35	1/2
	E4ME/E4MC	17082253	15/32	—	—	14	—	25/36	35	1/2
	E4ME/E4MC	17082264	7/16	—	—	24.5	—	21/16	32	9/16
	E4ME/E4MC	17082265	3/8	—	—	24.5	—	26/26	32	5/8
	E4ME/E4MC	17082266	3/8	—	—	24.5	—	26/26	32	5/8
	E4ME/E4MC	17082267	3/8	—	—	24.5	—	28/24	38	5/8
	E4ME/E4MC	17082268	13/2	—	—	24.5	—	28/24	38	5/8
	HOLLEY 6510-C	ALL	47-53	—	—	.080	—	.270/—	.350	—



## CARBURETOR SPECIFICATIONS

## PONTIAC

Year	Carb. Model	Carb. Number	Floet Level (Ins.)	Floet Drop (Ins.)	Pump Rod (Ins.)	Choke Rod (Deg.)	Choke Lever (Ins.)	Choke Unloader (Deg.)	Choke Setting (Notches)	Vacuum (Deg.) Pri. (Front) Aux. (Rear)	Air Valve Rod/Bashpot (Deg. of Ins.)	Air Valve Spring (Turns)	Air Valve Locknut (Ins.)
1983	ROCHESTER												
	E2ME	17083190	5/16	—	TR	18	.1206	32	TR	28/24	—	—	—
	E2ME	17083192	5/16	—	TR	18	.1206	32	TR	28/24	—	—	—
	E2ME	17083193	5/16	—	TR	18	.1206	27	TR	24/28	—	—	—
	E2SE	17083356	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083357	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083358	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083359	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083368	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083369	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083370	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083371	13/32	—	TR	22	.085	30	TR	25/35	1	1	.025
	E2SE	17083450	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083451	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083452	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083453	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083454	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083455	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083456	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083458	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083459	1/4	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083630	13/32	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083631	13/32	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083632	13/32	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083633	13/32	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083634	13/32	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083635	13/32	—	TR	28	.085	45	TR	28/27	1	1	.025
	E2SE	17083636	13/32	—	TR	28	.085	45	TR	28/27	1	1	.025
	E4ME	17082265	3/8	—	TR	24.5	.120	32	TR	26/26	.025	5/8	.015
	E4ME	17082266	3/8	—	TR	24.5	.120	32	TR	26/26	.025	5/8	.015
	E4ME	17082267	3/8	—	TR	18	.120	32	TR	26/26	.025	5/8	.015
	E4ME	17082268	3/8	—	TR	18	.120	32	TR	26/26	.025	5/8	.015
	E4ME	17083242	9/32	—	TR	24.5	.120	38	TR	20/—	.025	9/16	.015
	E4ME	17083244	1/4	—	TR	24.5	.120	32	TR	21/16	.025	9/16	.015
	E4ME	17083248	3/8	—	TR	24.5	.120	32	TR	26/26	.025	5/8	.015
	E4ME	17083250	7/16	—	TR	14	.120	35	TR	27/42	.025	1/2	.015
	E4ME	17083253	7/16	—	TR	14	.120	35	TR	27/41	.025	1/2	.015
	E4ME	17083553	7/16	—	TR	14	.120	35	TR	27/41	.025	1/2	.015

TR = Tamper Resistant.

## STUDEBAKER

Year	Carb. Model	Carb. Number	Floet Setting (Ins.)	Floet Drop	Choke Unloader (Ins.)	Choke Rod (Ins.)	Choke Setting (Notches)	Vacuum Break (Ins.)	Idle Vent (Ins.)	Pump Rod (Ins.)
1965	ROCHESTER									
	BV	7025105	1 9/32	1 3/4	.350	.100	1	.160	.050	—
	BV	7025087	1 9/32	1 3/4	.350	.090	1	.140	.050	—
	BV	7025108	1 9/32	1 3/4	.350	.090	1	.140	.050	—
	2GV	7025088	3/4	1 3/4	.200	.060	2	—	1.000	1 1/8
	2GV	7024101	3/4	1 3/4	.200	.060	2	—	1.000	1 1/8
	2GV	7024110	3/4	1 3/4	.200	.060	2	—	1.000	1 1/8
1966	BV	7025087	1 9/32	1 3/4	.350	.050	1	3	.0375	—
	BV	7025085	1 9/32	1 3/4	.350	.050	1	3	.0375	—
	BV	7025105	1 9/32	1 3/4	.350	.050	1	3	.0375	—
	BV	7025108	1 9/32	1 3/4	.350	.050	1	3	.0375	—
	2GV	7024101	1 23/64	1 29/32	.200	.060	2	—	49/64	57/64
	2GV	7024110	1 23/64	1 29/32	.200	.060	2	—	49/64	57/64
	2GV	7025088	1 23/64	1 29/32	.200	.060	2	—	49/64	57/64

1 Align bottom edge of choke rod with top edge of hole in choke lever.

2 Adjust choke rod 1/2 rod diameter above top of choke valve lever.

3 Connector rod at end of choke lever slot when vacuum break plunger is released with choke valve closed and fast idle screw on top step.